
BCSSE 2019

First-Year Student Summary Report

Grand

Please note: The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

First-year students were recent high school graduates who met one of the following criteria:

- All paper survey respondents regardless of high school graduation year.
- Web respondents who graduated high school in 2019.
- Web respondents who graduated high school in 2018 or 2017 and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2018 or 2017 and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

Transfer students were those respondents who met the following criteria:

- All web respondents who attended a college or university after graduation from high school, expects to transfer 12 or more credits, and graduated high school prior to the current year.

Delayed-entry (older) students were those respondents who met one of the following criteria:

- Web respondents who graduated high school in 2016 or earlier and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2016 or earlier and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

BCSSE 2019

First-Year Student Respondent Profile


Grand

Respondent Profile

About This Report

The *Respondent Profile* presents overall student demographic information, as well as by first-generation status and high school grades. The display below highlights important details in the report to keep in mind when interpreting results. For more information please visit our website (bcsse.indiana.edu) or contact your BCSSE Project Services team.

- Student status:** As reported by students.
- Item numbers:** Numbering corresponds to the survey facsimile and codebook available on the BCSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to data file and codebook.
- Response options:** Response options are worded as they appear on the instrument (except where abbreviations are used for formatting purposes).
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option. Percentages may not sum to 100 due to rounding.



BCSSE

beginning college survey of student engagement

Respondent Profile

Grand

First-Year Students

| Item wording or description | Variable name | Response options | All Students | | First-Generation* | | | | Self-Reported HS Grades | | | |
|--|---------------|---|---|--|--|---|--|---|--|--|--|---|
| | | | Count | % | Yes | % | No | % | A- or Higher | % | B+ or Lower | % |
| 28. This institution was your: | cchoice17 | First choice Second choice Third choice or lower Total | 50,147 19,958 7,654 77,759 | 64 26 10 100 | 19,202 8,787 3,299 31,288 | 61 28 11 100 | 30,746 11,092 4,326 46,164 | 67 24 9 100 | 31,508 11,522 4,629 47,659 | 66 24 10 100 | 17,648 8,087 2,883 28,618 | 62 28 10 100 |
| 29. What is your gender identity? | gender | Man Woman Another gender identity I prefer not to respond Total | 30,718 46,449 405 409 77,981 | 39 60 1 1 100 | 10,848 20,225 177 127 31,377 | 35 64 1 0 100 | 19,736 26,044 226 277 46,283 | 43 56 0 1 100 | 16,795 30,511 232 236 47,774 | 35 64 0 0 100 | 13,477 15,117 158 162 28,914 | 47 52 1 1 100 |
| 30. Are you an international student or foreign national? | cntrnat | No Yes Total | 73,669 3,867 77,536 | 95 5 100 | 29,834 1,380 31,214 | 96 4 100 | 43,607 2,461 46,068 | 95 5 100 | 45,217 2,330 47,547 | 95 5 100 | 27,442 1,262 28,704 | 96 4 100 |
| 31. How would you describe yourself? (Select all that apply) | re_race | American Indian or Alaska Native (Recorded from c_race1 to c_race10 where each student is represented only once.) Asian Black or African American Hispanic or Latino Middle Eastern or North African Native Hawaiian or Other Pacific Islander White Another race or ethnicity Multiracial I prefer not to respond Total | 253 5,449 6,373 9,822 544 163 43,875 288 9,854 0 76,021 | 0 7 8 13 1 0 57 0 13 0 100 | 143 2,115 3,574 7,822 198 90 12,703 121 4,170 0 30,936 | 0 7 12 25 1 0 41 0 13 0 100 | 109 3,317 2,774 1,972 342 73 31,069 164 5,650 0 45,470 | 0 7 6 4 1 0 68 0 12 0 100 | 132 3,694 2,707 4,545 353 87 29,437 160 5,680 0 46,795 | 0 8 6 10 1 0 63 0 12 0 100 | 119 1,568 3,508 5,031 171 74 13,986 118 4,020 0 28,595 | 0 5 12 18 1 0 49 0 14 0 100 |

Respondent Profile

Grand

First-Year Students

| Item wording or description | Variable name | Response options | All Students | | First-Generation ^a | | | | Self-Reported HS Grades | | | |
|---|--|--|---|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|---|--------------------------------------|
| | | | | | Yes | | No | | A- or Higher | | B+ or Lower | |
| | | | Count | % | Count | % | Count | % | Count | % | Count | % |
| - Number of Surveys Completed <i>Mode of completion</i> | bmodecmp | Paper Web Total | 31,830 54,218 86,048 | 37 63 100 | | | | | | | | |
| 1. Please indicate the year you graduated from high school: | hgradyr | Prior to 2016 2016 2017 2018 2019 Total | 127 41 634 2,109 82,714 85,625 | 0 0 1 2 97 100 | 87 18 214 735 30,336 31,390 | 0 0 1 2 97 100 | 38 22 330 1,118 44,795 46,303 | 0 0 1 2 97 100 | 29 20 353 1,067 50,377 51,846 | 0 0 1 2 97 100 | 81 16 246 942 30,830 32,115 | 0 0 1 3 96 100 |
| W1. Since graduating from high school, which of the following have you done? (Select all that apply.) <i>(Online survey respondents only. The paper survey did not include this item.)</i> | tattend tmilitary twork_ft twork_pt thome tvolunteer tsinceoth | Attend another college or university Military service Work full-time Work part-time Homemaker or stay at home spouse Volunteer Other | 359 87 681 881 35 422 369 | 19 5 35 46 2 22 19 | 134 44 303 310 12 95 69 | 20 7 45 46 2 14 10 | 164 37 281 438 10 260 254 | 17 4 29 45 1 27 26 | 161 37 296 439 18 294 249 | 16 4 30 44 2 30 25 | 176 49 367 426 14 116 107 | 20 6 42 48 2 13 12 |
| W2. Since graduating from high school, which of the following types of schools have you attended other than this institution? (Select all that apply.) <i>(Online survey respondents only. The paper survey did not include this item.)</i> | tattend_voc tattend_com tattend_col tattend_other | Vocational or technical school Community or junior college 4-year college or university other than this one Other | 22 112 139 43 | 7 37 46 14 | 11 41 48 15 | 10 36 42 13 | 10 58 68 23 | 7 39 46 15 | 6 44 62 17 | 5 35 49 13 | 15 63 69 22 | 9 39 43 14 |
| W3. About how many credits do you expect to transfer to this institution? <i>(Online survey respondents only. The paper survey did not include this item.)</i> | ttnsfr_cr | 0 1-11 12-30 31-45 46-60 More than 60 Total | 162 199 8 1 1 3 374 | 43 53 2 0 0 1 100 | 60 73 1 0 0 0 134 | 45 54 1 0 0 0 100 | 72 103 4 0 1 2 182 | 40 57 2 0 1 1 100 | 78 91 5 0 1 2 177 | 44 51 3 0 1 1 100 | 76 103 1 0 0 0 180 | 42 57 1 0 0 0 100 |

Respondent Profile

Grand

First-Year Students

| Item wording or description | Variable name | Response options | All Students | | First-Generation ^a | | | | Self-Reported HS Grades | | | |
|--|---------------|-------------------------------------|--------------|-----|-------------------------------|-----|--------|-----|-------------------------|-----|-------------|-----|
| | | | | | Yes | | No | | A- or Higher | | B+ or Lower | |
| | | | Count | % | Count | % | Count | % | Count | % | Count | % |
| 2. From which type of high school did you graduate? (Select only one.) | | | | | | | | | | | | |
| | htype13 | Public | 64,406 | 86 | 25,633 | 92 | 33,541 | 82 | 38,778 | 85 | 24,591 | 87 |
| | | Private, religiously-affiliated | 7,437 | 10 | 1,755 | 6 | 5,042 | 12 | 4,697 | 10 | 2,648 | 9 |
| | | Private, not religiously affiliated | 2,782 | 4 | 419 | 1 | 2,163 | 5 | 1,730 | 4 | 919 | 3 |
| | | Home school | 236 | 0 | 57 | 0 | 156 | 0 | 198 | 0 | 26 | 0 |
| | | Other (e.g., G.E.D.) | 245 | 0 | 134 | 0 | 103 | 0 | 112 | 0 | 107 | 0 |
| | | Total | 75,106 | 100 | 27,998 | 100 | 41,005 | 100 | 45,515 | 100 | 28,291 | 100 |
| 3. What were most of your high school grades? (Select only one.) | | | | | | | | | | | | |
| | hgrades17 | C- or lower | 61 | 0 | 37 | 0 | 19 | 0 | 0 | 0 | 61 | 0 |
| | | C | 450 | 1 | 257 | 1 | 139 | 0 | 0 | 0 | 450 | 1 |
| | | C+ | 1,295 | 2 | 737 | 2 | 415 | 1 | 0 | 0 | 1,295 | 4 |
| | | B- | 2,520 | 3 | 1,233 | 4 | 1,023 | 2 | 0 | 0 | 2,520 | 8 |
| | | B | 12,227 | 14 | 5,658 | 18 | 5,268 | 11 | 0 | 0 | 12,227 | 38 |
| | | B+ | 15,595 | 18 | 6,492 | 21 | 7,554 | 16 | 0 | 0 | 15,595 | 49 |
| | | A- | 15,941 | 19 | 5,077 | 16 | 9,416 | 21 | 15,941 | 31 | 0 | 0 |
| | | A | 29,771 | 35 | 9,532 | 31 | 17,916 | 39 | 29,771 | 57 | 0 | 0 |
| | | A+ | 6,200 | 7 | 1,812 | 6 | 3,919 | 9 | 6,200 | 12 | 0 | 0 |
| | | Grades not used | 409 | 0 | 102 | 0 | 246 | 1 | 0 | 0 | 0 | 0 |
| | | Total | 84,469 | 100 | 30,937 | 100 | 45,915 | 100 | 51,912 | 100 | 32,148 | 100 |
| 4. To date, in which of the following math classes have you earned a grade of "C" or better? (Select all that apply.) | | | | | | | | | | | | |
| | halg13 | Algebra II | 74,672 | 91 | 27,049 | 89 | 41,585 | 92 | 46,443 | 92 | 27,142 | 89 |
| | hprecalc13 | Pre-calculus/Trigonometry | 56,456 | 69 | 18,337 | 60 | 33,593 | 74 | 39,424 | 78 | 16,241 | 54 |
| | hcalc13 | Calculus | 26,565 | 33 | 6,930 | 23 | 17,522 | 39 | 21,151 | 42 | 5,032 | 17 |
| | hstats13 | Probability or Statistics | 26,118 | 32 | 8,505 | 28 | 15,505 | 34 | 17,242 | 35 | 8,401 | 28 |
| 5. If you completed the SAT and/or ACT, please enter your scores below (as best you remember): | | | | | | | | | | | | |
| (Recoded SAT and ACT composite created by BCSSE.) | sat_act17r | 900 or lower | 3,931 | 5 | 2,630 | 10 | 941 | 2 | 1,245 | 3 | 2,630 | 10 |
| | | 901 - 1000 | 6,525 | 9 | 3,924 | 15 | 2,098 | 5 | 2,385 | 5 | 4,058 | 15 |
| | | 1001 - 1100 | 13,264 | 18 | 6,576 | 25 | 5,825 | 14 | 6,403 | 14 | 6,715 | 25 |
| | | 1101 - 1200 | 15,920 | 22 | 6,041 | 23 | 8,847 | 21 | 9,676 | 21 | 6,063 | 23 |
| | | 1201 - 1300 | 14,725 | 20 | 4,163 | 16 | 9,697 | 23 | 10,550 | 23 | 3,966 | 15 |
| | | 1301 - 1400 | 11,971 | 16 | 2,355 | 9 | 8,936 | 21 | 9,647 | 21 | 2,184 | 8 |
| | | 1401 - 1600 | 6,652 | 9 | 843 | 3 | 5,411 | 13 | 5,758 | 13 | 805 | 3 |
| | | Total | 72,988 | 100 | 26,532 | 100 | 41,755 | 100 | 45,664 | 100 | 26,421 | 100 |

Respondent Profile

Grand

First-Year Students

| | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | | |
|---|-----------------|------------------|-------------------------------|-------|--------|--------|-------------------------|--------|--------------|-------|-------------|-----|
| | Variable | | All Students | | Yes | | No | | A- or Higher | | B+ or Lower | |
| Item wording or description | name | Response options | Count | % | Count | % | Count | % | Count | % | Count | % |
| 22. Which of the following sources are you using to pay your education expenses (tuition, fees, books, room & board, etc.)? For each, tell us if you are using, not using, or not sure. | | | | | | | | | | | | |
| Support from parents or relatives | cparents | Using | 61,667 | 80 | 21,013 | 68 | 40,148 | 87 | 38,487 | 81 | 22,149 | 77 |
| | | Not using | 9,358 | 12 | 6,025 | 19 | 3,253 | 7 | 5,487 | 12 | 3,730 | 13 |
| | | Not sure | 6,480 | 8 | 3,894 | 13 | 2,515 | 5 | 3,553 | 7 | 2,828 | 10 |
| | | Total | 77,505 | 100 | 30,932 | 100 | 45,916 | 100 | 47,527 | 100 | 28,707 | 100 |
| Loans | cloans | Using | 34,975 | 46 | 15,424 | 50 | 19,330 | 43 | 20,654 | 44 | 13,851 | 49 |
| | | Not using | 28,650 | 37 | 10,137 | 33 | 18,252 | 40 | 18,814 | 40 | 9,283 | 33 |
| | | Not sure | 13,171 | 17 | 5,259 | 17 | 7,749 | 17 | 7,614 | 16 | 5,346 | 19 |
| | | Total | 76,796 | 100 | 30,820 | 100 | 45,331 | 100 | 47,082 | 100 | 28,480 | 100 |
| Grants or scholarships | cgrants | Using | 62,192 | 81 | 25,761 | 83 | 35,982 | 79 | 40,261 | 85 | 20,977 | 73 |
| | | Not using | 8,776 | 11 | 2,649 | 9 | 6,026 | 13 | 4,250 | 9 | 4,319 | 15 |
| | | Not sure | 6,232 | 8 | 2,539 | 8 | 3,594 | 8 | 2,870 | 6 | 3,253 | 11 |
| | | Total | 77,200 | 100 | 30,949 | 100 | 45,602 | 100 | 47,381 | 100 | 28,549 | 100 |
| Employment on- or off-campus | cjob | Using | 38,064 | 50 | 17,212 | 56 | 20,594 | 45 | 23,293 | 49 | 14,210 | 50 |
| | | Not using | 19,054 | 25 | 6,283 | 20 | 12,574 | 28 | 11,779 | 25 | 6,933 | 24 |
| | | Not sure | 19,700 | 26 | 7,308 | 24 | 12,211 | 27 | 12,045 | 26 | 7,321 | 26 |
| | | Total | 76,818 | 100 | 30,803 | 100 | 45,379 | 100 | 47,117 | 100 | 28,464 | 100 |
| Personal savings or other sources | cpersonal | Using | 44,782 | 58 | 18,087 | 59 | 26,361 | 58 | 28,274 | 60 | 15,879 | 56 |
| | | Not using | 17,779 | 23 | 6,821 | 22 | 10,808 | 24 | 10,510 | 22 | 6,907 | 24 |
| | | Not sure | 14,312 | 19 | 5,882 | 19 | 8,283 | 18 | 8,374 | 18 | 5,696 | 20 |
| | | Total | 76,873 | 100 | 30,790 | 100 | 45,452 | 100 | 47,158 | 100 | 28,482 | 100 |
| 23. What do you expect most of your grades will be during the coming year? (Select only one.) | | | | | | | | | | | | |
| cgrades19 | C- or lower | 27 | 0 | 12 | 0 | 14 | 0 | 7 | 0 | 18 | 0 | |
| | C | 312 | 0 | 194 | 1 | 113 | 0 | 83 | 0 | 222 | 1 | |
| | C+ | 759 | 1 | 495 | 2 | 258 | 1 | 150 | 0 | 602 | 2 | |
| | B- | 2,918 | 4 | 1,580 | 5 | 1,322 | 3 | 861 | 2 | 2,028 | 7 | |
| | B | 14,050 | 18 | 6,310 | 20 | 7,604 | 17 | 5,867 | 12 | 8,019 | 28 | |
| | B+ | 19,353 | 25 | 8,285 | 27 | 10,921 | 24 | 10,044 | 21 | 9,099 | 32 | |
| | A- | 23,916 | 31 | 8,246 | 27 | 15,510 | 34 | 18,007 | 38 | 5,671 | 20 | |
| | A | 15,665 | 20 | 5,679 | 18 | 9,849 | 22 | 12,416 | 26 | 3,065 | 11 | |
| | Grades not used | 50 | 0 | 16 | 0 | 32 | 0 | 21 | 0 | 7 | 0 | |
| Total | 77,050 | 100 | 30,817 | 100 | 45,623 | 100 | 47,456 | 100 | 28,731 | 100 | | |

Respondent Profile

Grand

First-Year Students

| Item wording or description | Variable name | Response options | All Students | | First-Generation ^a | | | | Self-Reported HS Grades | | | |
|--|---------------|---|--------------|-----|-------------------------------|-----|--------|-----|-------------------------|-----|-------------|-----|
| | | | | | Yes | | No | | A- or Higher | | B+ or Lower | |
| | | | Count | % | Count | % | Count | % | Count | % | Count | % |
| 24. Do you expect to graduate from this institution? | | | | | | | | | | | | |
| | cintgrad | No | 971 | 1 | 390 | 1 | 570 | 1 | 571 | 1 | 387 | 1 |
| | | Yes | 70,477 | 91 | 27,825 | 89 | 42,110 | 92 | 43,934 | 92 | 25,403 | 88 |
| | | Uncertain | 6,332 | 8 | 2,952 | 9 | 3,327 | 7 | 3,171 | 7 | 3,030 | 11 |
| | | Total | 77,780 | 100 | 31,167 | 100 | 46,007 | 100 | 47,676 | 100 | 28,820 | 100 |
| 25. Do you know what your major will be? | | | | | | | | | | | | |
| | cmajor | No | 14,301 | 18 | 5,162 | 17 | 9,031 | 20 | 8,327 | 18 | 5,708 | 20 |
| | | Yes, specify | 63,294 | 82 | 25,937 | 83 | 36,879 | 80 | 39,243 | 82 | 23,062 | 80 |
| | | Total | 77,595 | 100 | 31,099 | 100 | 45,910 | 100 | 47,570 | 100 | 28,770 | 100 |
| (Recoded variable cmajcode into one of 12 major categories listed at right.) | cmajrcol | Arts & Humanities | 4,691 | 8 | 1,699 | 7 | 2,955 | 9 | 2,922 | 8 | 1,694 | 8 |
| | | Biological Sci., Agriculture, & Natural Resources | 8,462 | 14 | 3,243 | 13 | 5,163 | 15 | 6,016 | 16 | 2,310 | 10 |
| | | Physical Sci., Mathematics, & Computer Science | 3,962 | 7 | 1,562 | 6 | 2,373 | 7 | 2,567 | 7 | 1,326 | 6 |
| | | Social Sciences | 6,162 | 10 | 2,854 | 11 | 3,270 | 9 | 3,449 | 9 | 2,612 | 12 |
| | | Business | 9,259 | 15 | 3,507 | 14 | 5,678 | 16 | 5,272 | 14 | 3,829 | 17 |
| | | Communications, Media, & Public Relations | 1,438 | 2 | 508 | 2 | 919 | 3 | 821 | 2 | 590 | 3 |
| | | Education | 3,756 | 6 | 1,671 | 7 | 2,070 | 6 | 2,252 | 6 | 1,466 | 7 |
| | | Engineering | 4,814 | 8 | 1,408 | 6 | 3,356 | 10 | 3,429 | 9 | 1,337 | 6 |
| | | Health Professions | 11,756 | 20 | 5,542 | 22 | 6,134 | 18 | 7,582 | 20 | 3,999 | 18 |
| | | Social Service Professions | 3,483 | 6 | 1,994 | 8 | 1,466 | 4 | 1,623 | 4 | 1,822 | 8 |
| | | All Other | 2,012 | 3 | 916 | 4 | 1,085 | 3 | 979 | 3 | 999 | 5 |
| | | Undecided, Undeclared | 165 | 0 | 56 | 0 | 105 | 0 | 100 | 0 | 59 | 0 |
| | | Total | 59,960 | 100 | 24,960 | 100 | 34,574 | 100 | 37,012 | 100 | 22,043 | 100 |
| 26. Are you (or will you be) a full-time student at this institution? | | | | | | | | | | | | |
| | cfulltime18 | No | 1,005 | 1 | 568 | 2 | 427 | 1 | 467 | 1 | 507 | 2 |
| | | Yes | 76,795 | 99 | 30,695 | 98 | 45,702 | 99 | 47,204 | 99 | 28,336 | 98 |
| | | Total | 77,800 | 100 | 31,263 | 100 | 46,129 | 100 | 47,671 | 100 | 28,843 | 100 |
| 27. How many of your close friends will attend this institution during the coming year? | | | | | | | | | | | | |
| | cfriends | None | 32,691 | 42 | 12,043 | 39 | 20,505 | 44 | 20,560 | 43 | 11,586 | 40 |
| | | 1 | 13,990 | 18 | 5,846 | 19 | 8,077 | 18 | 8,576 | 18 | 5,193 | 18 |
| | | 2 | 10,707 | 14 | 4,640 | 15 | 6,022 | 13 | 6,560 | 14 | 3,994 | 14 |
| | | 3 | 6,413 | 8 | 2,843 | 9 | 3,533 | 8 | 3,763 | 8 | 2,541 | 9 |
| | | 4 or more | 13,950 | 18 | 5,907 | 19 | 7,965 | 17 | 8,195 | 17 | 5,502 | 19 |
| | | Total | 77,751 | 100 | 31,279 | 100 | 46,102 | 100 | 47,654 | 100 | 28,816 | 100 |

Respondent Profile

Grand

First-Year Students

| Item wording or description | Variable name | Response options | All Students | | First-Generation ^a | | | | Self-Reported HS Grades | | | |
|---|---|---|--------------|-----|-------------------------------|-----|--------|-----|-------------------------|-----|-------------|-----|
| | | | | | Yes | | No | | A- or Higher | | B+ or Lower | |
| | | | Count | % | Count | % | Count | % | Count | % | Count | % |
| 28. This institution was your: | | | | | | | | | | | | |
| | cchoice17 | First choice | 50,147 | 64 | 19,202 | 61 | 30,746 | 67 | 31,508 | 66 | 17,848 | 62 |
| | | Second choice | 19,958 | 26 | 8,787 | 28 | 11,092 | 24 | 11,522 | 24 | 8,087 | 28 |
| | | Third choice or lower | 7,654 | 10 | 3,299 | 11 | 4,326 | 9 | 4,629 | 10 | 2,883 | 10 |
| | | Total | 77,759 | 100 | 31,288 | 100 | 46,164 | 100 | 47,659 | 100 | 28,818 | 100 |
| 29. What is your gender identity? | | | | | | | | | | | | |
| | cgender | Man | 30,718 | 39 | 10,848 | 35 | 19,736 | 43 | 16,795 | 35 | 13,477 | 47 |
| | | Woman | 46,449 | 60 | 20,225 | 64 | 26,044 | 56 | 30,511 | 64 | 15,117 | 52 |
| | | Another gender identity | 405 | 1 | 177 | 1 | 226 | 0 | 232 | 0 | 158 | 1 |
| | | I prefer not to respond | 409 | 1 | 127 | 0 | 277 | 1 | 236 | 0 | 162 | 1 |
| | | Total | 77,981 | 100 | 31,377 | 100 | 46,283 | 100 | 47,774 | 100 | 28,914 | 100 |
| 30. Are you an international student or foreign national? | | | | | | | | | | | | |
| | cinternat | No | 73,669 | 95 | 29,834 | 96 | 43,607 | 95 | 45,217 | 95 | 27,442 | 96 |
| | | Yes | 3,867 | 5 | 1,380 | 4 | 2,461 | 5 | 2,330 | 5 | 1,262 | 4 |
| | | Total | 77,536 | 100 | 31,214 | 100 | 46,068 | 100 | 47,547 | 100 | 28,704 | 100 |
| 31. How would you describe yourself? (Select all that apply) | | | | | | | | | | | | |
| | re_allb | American Indian or Alaska Native | 253 | 0 | 143 | 0 | 109 | 0 | 132 | 0 | 119 | 0 |
| | (Recorded from c_aminid to c_pnr where each student is represented only once.) | Asian | 5,449 | 7 | 2,115 | 7 | 3,317 | 7 | 3,694 | 8 | 1,568 | 5 |
| | | Black or African American | 6,373 | 8 | 3,574 | 12 | 2,774 | 6 | 2,707 | 6 | 3,508 | 12 |
| | | Hispanic or Latino | 9,822 | 13 | 7,822 | 25 | 1,972 | 4 | 4,545 | 10 | 5,031 | 18 |
| | | Middle Eastern or North African | 544 | 1 | 198 | 1 | 342 | 1 | 353 | 1 | 171 | 1 |
| | | Native Hawaiian or Other Pacific Islander | 163 | 0 | 90 | 0 | 73 | 0 | 87 | 0 | 74 | 0 |
| | | White | 43,875 | 57 | 12,703 | 41 | 31,069 | 68 | 29,437 | 63 | 13,986 | 49 |
| | | Another race or ethnicity | 288 | 0 | 121 | 0 | 164 | 0 | 160 | 0 | 118 | 0 |
| | | Multiracial | 9,854 | 13 | 4,170 | 13 | 5,650 | 12 | 5,680 | 12 | 4,020 | 14 |
| | | I prefer not to respond | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | Total | 76,621 | 100 | 30,936 | 100 | 45,470 | 100 | 46,795 | 100 | 28,595 | 100 |

Respondent Profile

Grand

First-Year Students

| Item wording or description | Variable name | Response options | All Students | | First-Generation ^a | | | | Self-Reported HS Grades | | | |
|---|---------------|---|--------------|-----|-------------------------------|-----|--------|-----|-------------------------|-----|-------------|-----|
| | | | Count | % | Yes | | No | | A- or Higher | | B+ or Lower | |
| | | | | | Count | % | Count | % | Count | % | Count | % |
| 32. Regarding your parents (or those who raised you), what is the highest level of education completed by either of them? | | | | | | | | | | | | |
| | cpardegr18 | Did not finish high school | 4,700 | 6 | 4,700 | 15 | 0 | 0 | 2,006 | 4 | 2,564 | 9 |
| | | High school diploma or G.E.D. | 12,504 | 16 | 12,504 | 40 | 0 | 0 | 6,327 | 14 | 5,910 | 21 |
| | | Attended college, but did not complete degree | 7,297 | 10 | 7,297 | 24 | 0 | 0 | 3,978 | 9 | 3,218 | 11 |
| | | Associate's degree (A.A., A.S., etc.) | 6,476 | 8 | 6,476 | 21 | 0 | 0 | 3,790 | 8 | 2,610 | 9 |
| | | Bachelor's degree (B.A., B.S., etc.) | 23,483 | 31 | 0 | 0 | 23,483 | 52 | 15,365 | 33 | 7,791 | 27 |
| | | Master's degree (M.A., M.S., etc.) | 16,343 | 21 | 0 | 0 | 16,343 | 36 | 11,072 | 24 | 5,039 | 18 |
| | | Doctoral or professional degree (Ph.D., J.D., M.D., etc.) | 5,706 | 7 | 0 | 0 | 5,706 | 13 | 4,200 | 9 | 1,416 | 5 |
| | | Total | 76,509 | 100 | 30,977 | 100 | 45,532 | 100 | 46,738 | 100 | 28,548 | 100 |
| First-generation status (Neither parent holds a bachelor's degree. Recoded from cpardegr18) | bfirstgen | First-generation | 31,430 | 40 | 31,430 | 100 | 0 | 0 | 16,421 | 34 | 14,414 | 50 |
| | | Not first-generation | 46,362 | 60 | 0 | 0 | 46,362 | 100 | 31,251 | 66 | 14,418 | 50 |
| | | Total | 77,792 | 100 | 31,430 | 100 | 46,362 | 100 | 47,672 | 100 | 28,832 | 100 |
| 33. Which of the following best describes where you will be living while attending college? | | | | | | | | | | | | |
| | cliving18 | Campus housing (other than a fraternity or sorority house) | 54,514 | 71 | 18,584 | 60 | 35,836 | 79 | 34,231 | 73 | 19,457 | 68 |
| | | Fraternity or sorority house | 321 | 0 | 85 | 0 | 235 | 1 | 155 | 0 | 160 | 1 |
| | | House, apartment, or other residence within walking distance to campus | 4,737 | 6 | 2,042 | 7 | 2,688 | 6 | 2,880 | 6 | 1,758 | 6 |
| | | House, apartment, or other residence farther than walk. dist. to campus | 17,001 | 22 | 10,253 | 33 | 6,718 | 15 | 9,743 | 21 | 6,986 | 25 |
| | | Not applicable: No campus, entirely online program, etc. | 121 | 0 | 83 | 0 | 36 | 0 | 54 | 0 | 62 | 0 |
| | | Not applicable: Homeless or in transition | 95 | 0 | 65 | 0 | 30 | 0 | 35 | 0 | 58 | 0 |
| | | Total | 76,789 | 100 | 31,112 | 100 | 45,543 | 100 | 47,098 | 100 | 28,481 | 100 |

BCSSE 2019

First-Year Student Frequencies and Statistical Comparisons

Grand

Frequencies and Statistical Comparisons

About This Report

The Frequencies and Statistical Comparisons report presents item-by-item student responses and mean comparisons that allow you to examine patterns of similarity and difference between groups of students at participating institutions. The display below highlights important details in the report to keep in mind when interpreting results. For more information please visit our website (bcsse.indiana.edu) or contact a member of the BCSSE team.

- Student status:** As reported by students.
- Item numbers:** Numbering corresponds to the survey facsimile and codebook available on the BCSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option. Percentages may not sum to 100 due to rounding.
- Overall mean:** Mean scores for each item. Mean item scores by within-campus comparison groups are presented on the right side. Mean calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution.
- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #8) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests.

BCSSE
beginning college survey
of student engagement

Frequencies and Statistical Comparisons
Grand

| Item wording or description | Variable name | Values ¹ | Response options | All Students | | Frequency Distributions | | | | Statistical Comparisons | | | | | |
|---|---------------|---------------------|------------------|--------------|-----|-------------------------------|-----|-------------------------|-------------|-------------------------|-----|-------------------------|-------------|-----|---------|
| | | | | Count | % | First-Generation ^a | | Self-Reported HS Grades | | First-Generation | | Self-Reported HS Grades | | ES | Mean |
| | | | | | | Yes | No | A- or higher | B+ or lower | Yes | No | A- or higher | B+ or lower | | |
| 6. During high school, how many of the following types of classes did you complete? | lapc13num | 0 | | 20,930 | 26 | 9,043 | 30 | 10,384 | 23 | 9,899 | 20 | 10,618 | 36 | | |
| a. Advanced Placement (AP) classes | | 1.5 | 1-2 | 23,811 | 30 | 9,693 | 32 | 12,489 | 28 | 13,489 | 28 | 9,980 | 34 | | |
| | | 3.5 | 3-4 | 10,927 | 21 | 5,805 | 19 | 9,443 | 21 | 11,128 | 23 | 5,060 | 17 | | |
| | | 5.5 | 5-6 | 9,951 | 12 | 3,054 | 10 | 6,186 | 14 | 7,421 | 15 | 2,425 | 8 | 2.4 | 3.1 *** |
| | | 7.5 | 7-8 | 5,100 | 6 | 1,448 | 5 | 3,325 | 8 | 4,061 | 8 | 895 | 3 | | |
| | | 9.5 | 9-10 | 2,107 | 3 | 500 | 2 | 1,481 | 3 | 1,763 | 4 | 324 | 1 | | |
| | | 11.5 | 11 or more | 1,417 | 2 | 375 | 1 | 948 | 2 | 1,111 | 2 | 298 | 1 | | |
| | | Total | | 79,695 | 100 | 29,931 | | 44,256 | 100 | 48,872 | 100 | 29,680 | 100 | | |
| b. College or university courses for credit | hdc17num | 0 | | 39,174 | 52 | 14,525 | 37 | 21,712 | 52 | 21,635 | 47 | 18,945 | 50 | | |
| | | 1.5 | 1-2 | 18,374 | 24 | 7,265 | 19 | 9,880 | 24 | 11,375 | 25 | 6,750 | 24 | | |
| | | 3.5 | 3-4 | 7,872 | 10 | 2,949 | 10 | 4,379 | 11 | 5,583 | 12 | 2,199 | 8 | | |
| | | 5.5 | 5-6 | 3,639 | 5 | 1,335 | 5 | 2,076 | 5 | 2,796 | 6 | 809 | 3 | 1.8 | 1.8 |
| | | 7.5 | 7-8 | 1,932 | 3 | 671 | 2 | 1,122 | 3 | 1,502 | 3 | 404 | 1 | | |
| | | 9.5 | 9-10 | 1,110 | 1 | 374 | 1 | 662 | 2 | 856 | 2 | 235 | 1 | | |
| | | 11.5 | 11 or more | 3,426 | 5 | 1,366 | 5 | 1,804 | 4 | 2,470 | 5 | 890 | 3 | | |
| | | Total | | 75,527 | 100 | 28,717 | 100 | 41,635 | 100 | 46,217 | 100 | 28,232 | 100 | | |
| c. International Baccalaureate (IB) | hdb17num | 0 | | 66,257 | 93 | 25,393 | 94 | 36,308 | 93 | 40,208 | 93 | 25,217 | 94 | | |
| | | 1.5 | 1-2 | 1,386 | 2 | 506 | 2 | 778 | 2 | 755 | 2 | 598 | 2 | | |
| | | 3.5 | 3-4 | 699 | 1 | 270 | 1 | 378 | 1 | 395 | 1 | 292 | 1 | | |
| | | 5.5 | 5-6 | 1,064 | 2 | 287 | 1 | 710 | 2 | 658 | 2 | 356 | 1 | .3 | .4 *** |
| | | 7.5 | 7-8 | 852 | 1 | 254 | 1 | 538 | 1 | 575 | 1 | 248 | 1 | | |
| | | 9.5 | 9-10 | 244 | 0 | 68 | 0 | 160 | 0 | 168 | 0 | 71 | 0 | | |
| | | 11.5 | 11 or more | 525 | 1 | 169 | 1 | 328 | 1 | 334 | 1 | 171 | 1 | | |
| | | Total | | 71,047 | 100 | 26,947 | 100 | 39,200 | 100 | 43,093 | 100 | 26,953 | 100 | | |
| 7. During your last year of high school, about how many papers, reports, or other writing tasks of the following length did you complete? | | | | | | | | | | | | | | | |
| a. Up to 5 pages | hwvshnum | 0 | None | 5,218 | 6 | 2,510 | 8 | 2,345 | 5 | 2,753 | 6 | 2,358 | 8 | | |
| | | 1.5 | 1-2 | 19,061 | 23 | 8,063 | 26 | 9,766 | 21 | 10,995 | 22 | 7,799 | 25 | | |
| | | 4 | 3-5 | 26,185 | 32 | 10,297 | 33 | 14,171 | 31 | 15,583 | 31 | 10,186 | 33 | | |
| | | 6 | 6-10 | 16,205 | 20 | 5,626 | 18 | 9,548 | 21 | 10,325 | 21 | 5,635 | 18 | 5.7 | 7.1 *** |
| | | 13 | 11-15 | 6,400 | 8 | 1,965 | 6 | 4,094 | 9 | 4,298 | 9 | 2,085 | 7 | | |
| | | 18 | 16-20 | 2,993 | 4 | 814 | 3 | 1,975 | 4 | 2,050 | 4 | 894 | 3 | | |
| | | 23 | More than 20 | 5,804 | 7 | 1,873 | 5 | 3,776 | 8 | 4,034 | 8 | 1,728 | 6 | | |
| | | Total | | 82,016 | 100 | 30,948 | 100 | 45,675 | 100 | 50,038 | 100 | 30,685 | 100 | | |

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. Effect sizes for independent t -tests use Cohen's d ; z -tests use Cohen's h . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who selected the item after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | |
|---|--|---------------------|------------------|-------------------------|----|--------|-------------------------------|--------|--------|--------|-------------------------|--------|-------------|-------------------------|------------------|---------|------|-------------------------|-------------|-----|--|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | | |
| | | | | Count | % | Mean | Yes | | No | | A- or higher | | B+ or lower | | Yes | No | ES | A- or higher | B+ or lower | | |
| | | | | | | | Count | % | Count | % | Count | % | Count | % | Mean | Mean | | Mean | Mean | ES | |
| 6. During high school, how many of the following types of classes did you complete? | | | | | | | | | | | | | | | | | | | | | |
| a. Advanced Placement (AP) classes | hapc113num | 0 | 0 | 20,939 | 26 | | 9,043 | 30 | 10,384 | 23 | 9,899 | 20 | 10,618 | 36 | | | | | | | |
| | (Recoded version of hapc113 created by BCSSE. Values are estimated number of AP classes.) | 1.5 | 1-2 | 23,811 | 30 | | 9,693 | 32 | 12,489 | 28 | 13,489 | 28 | 9,960 | 34 | | | | | | | |
| | | 3.5 | 3-4 | 16,370 | 21 | | 5,805 | 19 | 9,443 | 21 | 11,128 | 23 | 5,060 | 17 | | | | | | | |
| | | 5.5 | 5-6 | 9,951 | 12 | 2.8 | 3,054 | 10 | 6,186 | 14 | 7,421 | 15 | 2,425 | 8 | 2.4 | 3.1 *** | -.25 | 3.3 | 2.0 *** | .48 | |
| | | 7.5 | 7-8 | 5,100 | 6 | | 1,448 | 5 | 3,325 | 8 | 4,061 | 8 | 995 | 3 | | | | | | | |
| | | 9.5 | 9-10 | 2,107 | 3 | | 500 | 2 | 1,481 | 3 | 1,763 | 4 | 324 | 1 | | | | | | | |
| | | 11.5 | 11 or more | 1,417 | 2 | | 375 | 1 | 948 | 2 | 1,111 | 2 | 298 | 1 | | | | | | | |
| | Total | | 79,695 | 100 | | 29,918 | 100 | 44,256 | 100 | 48,872 | 100 | 29,680 | 100 | | | | | | | | |
| b. College or university courses for credit | hdc17num | 0 | 0 | 39,174 | 52 | | 14,673 | 51 | 21,712 | 52 | 21,635 | 47 | 16,945 | 60 | | | | | | | |
| | (Recoded version of hdc17 created by BCSSE. Values are estimated number of dual credit classes.) | 1.5 | 1-2 | 18,374 | 24 | | 7,329 | 26 | 9,880 | 24 | 11,375 | 25 | 6,750 | 24 | | | | | | | |
| | | 3.5 | 3-4 | 7,872 | 10 | | 2,969 | 10 | 4,379 | 11 | 5,583 | 12 | 2,199 | 8 | | | | | | | |
| | | 5.5 | 5-6 | 3,639 | 5 | 1.8 | 1,335 | 5 | 2,076 | 5 | 2,796 | 6 | 809 | 3 | 1.8 | 1.8 | .00 | 2.2 | 1.3 *** | .29 | |
| | | 7.5 | 7-8 | 1,932 | 3 | | 671 | 2 | 1,122 | 3 | 1,502 | 3 | 404 | 1 | | | | | | | |
| | | 9.5 | 9-10 | 1,110 | 1 | | 374 | 1 | 662 | 2 | 856 | 2 | 235 | 1 | | | | | | | |
| | | 11.5 | 11 or more | 3,426 | 5 | | 1,366 | 5 | 1,804 | 4 | 2,470 | 5 | 890 | 3 | | | | | | | |
| | Total | | 75,527 | 100 | | 28,717 | 100 | 41,635 | 100 | 46,217 | 100 | 28,232 | 100 | | | | | | | | |
| c. International Baccalaureate (IB) | hib17num | 0 | 0 | 66,257 | 93 | | 25,393 | 94 | 36,308 | 93 | 40,208 | 93 | 25,217 | 94 | | | | | | | |
| | (Recoded version of hib17 created by BCSSE. Values are estimated number of international baccalaureate classes.) | 1.5 | 1-2 | 1,386 | 2 | | 506 | 2 | 778 | 2 | 755 | 2 | 598 | 2 | | | | | | | |
| | | 3.5 | 3-4 | 699 | 1 | | 270 | 1 | 378 | 1 | 395 | 1 | 292 | 1 | | | | | | | |
| | | 5.5 | 5-6 | 1,084 | 2 | 0.4 | 287 | 1 | 710 | 2 | 658 | 2 | 356 | 1 | .3 | .4 *** | -.07 | .4 | .3 *** | .04 | |
| | | 7.5 | 7-8 | 852 | 1 | | 254 | 1 | 538 | 1 | 575 | 1 | 248 | 1 | | | | | | | |
| | | 9.5 | 9-10 | 244 | 0 | | 68 | 0 | 160 | 0 | 168 | 0 | 71 | 0 | | | | | | | |
| | | 11.5 | 11 or more | 525 | 1 | | 169 | 1 | 328 | 1 | 334 | 1 | 171 | 1 | | | | | | | |
| | Total | | 71,047 | 100 | | 26,947 | 100 | 39,200 | 100 | 43,093 | 100 | 26,953 | 100 | | | | | | | | |
| 7. During your last year of high school, about how many papers, reports, or other writing tasks of the following length did you complete? | | | | | | | | | | | | | | | | | | | | | |
| a. Up to 5 pages | hwrshtrnum | 0 | None | 5,218 | 6 | | 2,510 | 8 | 2,345 | 5 | 2,753 | 6 | 2,358 | 8 | | | | | | | |
| | (Recoded version of hwrshtr created by BCSSE. Values are estimated number of papers, reports, etc.) | 1.5 | 1-2 | 19,061 | 23 | | 8,063 | 26 | 9,766 | 21 | 10,995 | 22 | 7,799 | 25 | | | | | | | |
| | | 4 | 3-5 | 26,185 | 32 | | 10,297 | 33 | 14,171 | 31 | 15,583 | 31 | 10,186 | 33 | | | | | | | |
| | | 8 | 6-10 | 16,205 | 20 | 6.5 | 5,626 | 18 | 9,548 | 21 | 10,325 | 21 | 5,635 | 18 | 5.7 | 7.1 *** | -.22 | 6.9 | 5.9 *** | .17 | |
| | | 13 | 11-15 | 6,490 | 8 | | 1,965 | 6 | 4,094 | 9 | 4,298 | 9 | 2,085 | 7 | | | | | | | |
| | | 18 | 16-20 | 2,993 | 4 | | 814 | 3 | 1,975 | 4 | 2,050 | 4 | 894 | 3 | | | | | | | |
| | | 23 | More than 20 | 5,864 | 7 | | 1,673 | 5 | 3,776 | 8 | 4,034 | 8 | 1,728 | 6 | | | | | | | |
| | Total | | 82,016 | 100 | | 30,948 | 100 | 45,675 | 100 | 50,038 | 100 | 30,685 | 100 | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | |
|---|---|---------------------|------------------|-------------------------|-----|------|-------------------------------|-----|--------|-----|-------------------------|-----|--------|-------------------------|------------------|---------|------|-------------------------|---------|------|
| | | | | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | |
| Item wording or description | Variable name | Values ^c | Response options | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | Mean | ES | Mean | Mean | ES |
| b. Between 6 and 10 pages | hwrmdnum | 0 | None | 28,859 | 36 | | 12,271 | 41 | 14,697 | 33 | 16,686 | 34 | 11,776 | 40 | | | | | | |
| | (Recoded version of hWRmd created by BCSSE. Values are estimated number of papers, reports, etc.) | 1.5 | 1-2 | 31,539 | 40 | | 11,144 | 37 | 18,501 | 42 | 19,820 | 41 | 11,289 | 38 | | | | | | |
| | | 4 | 3-5 | 12,738 | 16 | | 4,275 | 14 | 7,629 | 17 | 8,166 | 17 | 4,352 | 15 | | | | | | |
| | | 8 | 6-10 | 4,333 | 5 | 2.1 | 1,461 | 5 | 2,516 | 6 | 2,708 | 6 | 1,514 | 5 | 1.9 | 2.2 *** | -.09 | 2.2 | 1.9 *** | .07 |
| | | 13 | 11-15 | 1,117 | 1 | | 385 | 1 | 654 | 1 | 709 | 1 | 380 | 1 | | | | | | |
| | | 18 | 16-20 | 373 | 0 | | 117 | 0 | 222 | 0 | 258 | 1 | 108 | 0 | | | | | | |
| | | 23 | More than 20 | 536 | 1 | | 186 | 1 | 293 | 1 | 338 | 1 | 176 | 1 | | | | | | |
| | | Total | | 79,495 | 100 | | 29,839 | 100 | 44,512 | 100 | 48,685 | 100 | 29,595 | 100 | | | | | | |
| c. 11 pages or more | hwrlngnum | 0 | None | 55,459 | 71 | | 22,001 | 75 | 29,926 | 68 | 33,130 | 69 | 21,623 | 74 | | | | | | |
| | (Recoded version of hWRlng created by BCSSE. Values are estimated number of papers, reports, etc.) | 1.5 | 1-2 | 17,714 | 23 | | 5,630 | 19 | 10,961 | 25 | 11,639 | 24 | 5,778 | 20 | | | | | | |
| | | 4 | 3-5 | 3,195 | 4 | | 1,037 | 4 | 1,952 | 4 | 2,076 | 4 | 1,034 | 4 | | | | | | |
| | | 8 | 6-10 | 1,081 | 1 | 0.8 | 415 | 1 | 567 | 1 | 622 | 1 | 404 | 1 | .8 | .8 *** | -.04 | .8 | .8 *** | .03 |
| | | 13 | 11-15 | 416 | 1 | | 168 | 1 | 204 | 0 | 221 | 0 | 174 | 1 | | | | | | |
| | | 18 | 16-20 | 181 | 0 | | 67 | 0 | 89 | 0 | 99 | 0 | 75 | 0 | | | | | | |
| | | 23 | More than 20 | 362 | 0 | | 136 | 0 | 182 | 0 | 222 | 0 | 126 | 0 | | | | | | |
| | | Total | | 78,408 | 100 | | 29,454 | 100 | 43,881 | 100 | 48,009 | 100 | 29,214 | 100 | | | | | | |
| 8. During your last year of high school, about how many hours did you spend in a typical 7-day week doing the following? | | | | | | | | | | | | | | | | | | | | |
| a. Preparing for class (studying, reading, doing homework, etc.) | hacadpr13hrs | 0 | 0 | 1,371 | 2 | | 573 | 2 | 689 | 1 | 656 | 1 | 690 | 2 | | | | | | |
| | (Recoded version of hacadpr13 created by BCSSE. Values are estimated number of hours) | 3 | 1-5 | 30,586 | 37 | | 12,822 | 41 | 15,717 | 34 | 16,512 | 33 | 13,604 | 44 | | | | | | |
| | | 8 | 6-10 | 24,122 | 29 | | 8,983 | 29 | 13,652 | 30 | 14,687 | 29 | 9,076 | 29 | | | | | | |
| | | 13 | 11-15 | 13,021 | 16 | | 4,417 | 14 | 7,865 | 17 | 8,639 | 17 | 4,175 | 14 | | | | | | |
| | | 18 | 16-20 | 7,566 | 9 | 9.1 | 2,590 | 8 | 4,525 | 10 | 5,356 | 11 | 2,109 | 7 | 8.5 | 9.5 *** | -.14 | 9.9 | 7.7 *** | .32 |
| | | 23 | 21-25 | 3,192 | 4 | | 967 | 3 | 2,042 | 4 | 2,413 | 5 | 712 | 2 | | | | | | |
| | | 28 | 26-30 | 1,353 | 2 | | 425 | 1 | 854 | 2 | 1,059 | 2 | 249 | 1 | | | | | | |
| | | 33 | More than 30 | 1,457 | 2 | | 516 | 2 | 815 | 2 | 1,090 | 2 | 305 | 1 | | | | | | |
| | | Total | | 82,668 | 100 | | 31,293 | 100 | 46,159 | 100 | 50,412 | 100 | 30,920 | 100 | | | | | | |
| b. Working for pay | hworkhrs | 0 | 0 | 31,335 | 38 | | 11,720 | 38 | 17,477 | 38 | 19,506 | 39 | 11,245 | 37 | | | | | | |
| | (Recoded version of hworkhrs created by BCSSE. Values are estimated number of hours) | 3 | 1-5 | 9,578 | 12 | | 2,800 | 9 | 6,210 | 14 | 6,339 | 13 | 3,103 | 10 | | | | | | |
| | | 8 | 6-10 | 9,808 | 12 | | 3,229 | 10 | 6,006 | 13 | 6,248 | 12 | 3,409 | 11 | | | | | | |
| | | 13 | 11-15 | 9,783 | 12 | | 3,412 | 11 | 5,804 | 13 | 6,086 | 12 | 3,559 | 12 | | | | | | |
| | | 18 | 16-20 | 10,486 | 13 | 8.8 | 4,343 | 14 | 5,531 | 12 | 6,049 | 12 | 4,307 | 14 | 9.9 | 8.1 *** | .19 | 8.3 | 9.7 *** | -.14 |
| | | 23 | 21-25 | 5,790 | 7 | | 2,722 | 9 | 2,712 | 6 | 3,129 | 6 | 2,570 | 8 | | | | | | |
| | | 28 | 26-30 | 3,026 | 4 | | 1,552 | 5 | 1,286 | 3 | 1,588 | 3 | 1,390 | 5 | | | | | | |
| | | 33 | More than 30 | 2,580 | 3 | | 1,441 | 5 | 968 | 2 | 1,316 | 3 | 1,216 | 4 | | | | | | |
| | | Total | | 82,386 | 100 | | 31,219 | 100 | 45,994 | 100 | 50,261 | 100 | 30,799 | 100 | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | | | |
|--|--|---------------------|------------------|-------------------------|-----|------|-------------------------------|---|-------|--------|-------------------------|--------|-------------|-------------------------|------------------|--------|-----|-------------------------|-------------|------|------|----------|------|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | | | | |
| | | | | | | | Yes | | No | | A- or higher | | B+ or lower | | Yes | No | | A- or higher | B+ or lower | | | | |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | Mean | ES | Mean | Mean | ES | | | |
| c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.) | hcocurrhrs (Recoded version of hcocurrhrs created by BCSSE. Values are estimated number of hours) | 0 | 0 | 8,026 | 10 | | | | | 3,982 | 13 | 3,487 | 8 | 3,656 | 7 | 4,195 | 14 | | | | | | |
| | | 3 | 1-5 | 19,012 | 23 | | | | | 8,257 | 26 | 9,546 | 21 | 11,211 | 22 | 7,468 | 24 | | | | | | |
| | | 8 | 6-10 | 16,146 | 20 | | | | | 5,934 | 19 | 9,166 | 20 | 10,109 | 20 | 5,776 | 19 | | | | | | |
| | | 13 | 11-15 | 15,692 | 19 | | | | | 5,204 | 17 | 9,576 | 21 | 10,151 | 20 | 5,319 | 17 | | | | | | |
| | | 18 | 16-20 | 11,866 | 14 | 11.2 | | | | 3,810 | 12 | 7,369 | 16 | 7,748 | 15 | 3,971 | 13 | 10.3 | 11.9 *** | -.19 | 11.7 | 10.4 *** | .14 |
| | | 23 | 21-25 | 5,347 | 6 | | | | | 1,690 | 5 | 3,341 | 7 | 3,471 | 7 | 1,792 | 6 | | | | | | |
| | | 28 | 26-30 | 2,094 | 3 | | | | | 713 | 2 | 1,270 | 3 | 1,358 | 3 | 713 | 2 | | | | | | |
| | | 33 | More than 30 | 4,218 | 5 | | | | | 1,611 | 5 | 2,339 | 5 | 2,578 | 5 | 1,555 | 5 | | | | | | |
| | | Total | | 82,401 | 100 | | | | | 31,201 | 100 | 46,094 | 100 | 50,282 | 100 | 30,789 | 100 | | | | | | |
| d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) | hsocial13hrs (Recoded version of hsocial13hrs created by BCSSE. Values are estimated number of hours) | 0 | 0 | 517 | 1 | | | | | 284 | 1 | 180 | 0 | 276 | 1 | 225 | 1 | | | | | | |
| | | 3 | 1-5 | 18,897 | 23 | | | | | 8,627 | 28 | 9,048 | 20 | 11,511 | 23 | 7,056 | 23 | | | | | | |
| | | 8 | 6-10 | 24,991 | 30 | | | | | 9,362 | 30 | 14,106 | 31 | 15,672 | 31 | 8,931 | 29 | | | | | | |
| | | 13 | 11-15 | 16,833 | 20 | | | | | 5,683 | 18 | 10,193 | 22 | 10,467 | 21 | 6,131 | 20 | | | | | | |
| | | 18 | 16-20 | 10,699 | 13 | 11.7 | | | | 3,627 | 12 | 6,408 | 14 | 6,338 | 13 | 4,191 | 14 | 11.0 | 12.1 *** | -.14 | 11.5 | 11.9 *** | -.06 |
| | | 23 | 21-25 | 4,475 | 5 | | | | | 1,383 | 4 | 2,819 | 6 | 2,658 | 5 | 1,743 | 6 | | | | | | |
| | | 28 | 26-30 | 1,848 | 2 | | | | | 650 | 2 | 1,074 | 2 | 1,081 | 2 | 727 | 2 | | | | | | |
| | | 33 | More than 30 | 4,196 | 5 | | | | | 1,636 | 5 | 2,285 | 5 | 2,294 | 5 | 1,820 | 6 | | | | | | |
| | | Total | | 82,456 | 100 | | | | | 31,252 | 100 | 46,113 | 100 | 50,297 | 100 | 30,824 | 100 | | | | | | |
| 9. During your <i>last year</i> of high school, of the time you spent preparing for class in a typical 7-day week, about how much was on assigned reading? | | | | | | | | | | | | | | | | | | | | | | | |
| | hthread14 | 1 | Very little | 19,052 | 23 | | | | | 6,950 | 22 | 10,847 | 24 | 11,372 | 23 | 7,384 | 24 | | | | | | |
| | | 2 | Some | 36,626 | 45 | | | | | 13,062 | 42 | 21,528 | 47 | 22,772 | 45 | 13,326 | 43 | | | | | | |
| | | 3 | About half | 17,895 | 22 | 2.2 | | | | 7,346 | 24 | 9,422 | 20 | 10,834 | 22 | 6,733 | 22 | 2.3 | 2.2 *** | .12 | 2.2 | 2.2 | .00 |
| | | 4 | Most | 7,250 | 9 | | | | | 3,165 | 10 | 3,630 | 8 | 4,364 | 9 | 2,738 | 9 | | | | | | |
| | | 5 | Almost all | 1,466 | 2 | | | | | 712 | 2 | 641 | 1 | 877 | 2 | 557 | 2 | | | | | | |
| | | Total | | 82,289 | 100 | | | | | 31,235 | 100 | 46,068 | 100 | 50,219 | 100 | 30,738 | 100 | | | | | | |
| 10. During your <i>last year</i> of high school, about how often did you do the following? | | | | | | | | | | | | | | | | | | | | | | | |
| a. Came to class without completing readings or assignments | hunprepard | 1 | Never | 32,161 | 39 | | | | | 11,791 | 38 | 18,703 | 41 | 23,823 | 48 | 7,840 | 26 | | | | | | |
| | | 2 | Sometimes | 42,049 | 51 | | | | | 16,360 | 53 | 23,079 | 50 | 22,516 | 45 | 18,829 | 62 | | | | | | |
| | | 3 | Often | 4,911 | 6 | 1.7 | | | | 1,919 | 6 | 2,647 | 6 | 2,166 | 4 | 2,672 | 9 | 1.8 | 1.7 *** | .05 | 1.6 | 1.9 *** | -.41 |
| | | 4 | Very often | 2,755 | 3 | | | | | 1,082 | 3 | 1,482 | 3 | 1,456 | 3 | 1,251 | 4 | | | | | | |
| | | Total | | 81,876 | 100 | | | | | 31,152 | 100 | 45,911 | 100 | 49,961 | 100 | 30,592 | 100 | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | |
|--|------------------|---------------------|------------------|-------------------------|-----|------|-------------------------------|-----|--------|-----|-------------------------|-----|--------|-------------------------|------------------|---------|------|-------------------------|---------|-----|
| | | | | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | |
| Item wording or description | Variable name | Values ^c | Response options | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | Mean | ES | Mean | Mean | ES |
| b. Prepared two or more drafts of a paper or assignment before turning it in | hdrafting | 1 | Never | 12,753 | 16 | | 4,714 | 15 | 7,282 | 16 | 7,579 | 15 | 5,000 | 16 | | | | | | |
| | | 2 | Sometimes | 36,310 | 44 | | 13,950 | 45 | 20,246 | 44 | 21,998 | 44 | 13,772 | 45 | | | | | | |
| | | 3 | Often | 23,932 | 29 | 2.3 | 9,241 | 30 | 13,316 | 29 | 14,580 | 29 | 8,917 | 29 | 2.4 | 2.4 | .00 | 2.4 | 2.3 *** | .07 |
| | | 4 | Very often | 8,702 | 11 | | 3,225 | 10 | 5,012 | 11 | 5,718 | 11 | 2,814 | 9 | | | | | | |
| | | Total | | 81,697 | 100 | | 31,130 | 100 | 45,856 | 100 | 49,875 | 100 | 30,503 | 100 | | | | | | |
| c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.) | hQRconclud | 1 | Never | 6,023 | 7 | | 2,683 | 9 | 2,979 | 7 | 3,262 | 7 | 2,662 | 9 | | | | | | |
| | | 2 | Sometimes | 26,425 | 32 | | 10,880 | 35 | 14,039 | 31 | 15,307 | 31 | 10,697 | 35 | | | | | | |
| | | 3 | Often | 33,600 | 41 | 2.7 | 12,472 | 40 | 19,267 | 42 | 20,657 | 42 | 12,423 | 41 | 2.6 | 2.8 *** | -.16 | 2.8 | 2.6 *** | .18 |
| | | 4 | Very often | 15,410 | 19 | | 5,029 | 16 | 9,542 | 21 | 10,549 | 21 | 4,591 | 15 | | | | | | |
| | | Total | | 81,458 | 100 | | 31,064 | 100 | 45,827 | 100 | 49,775 | 100 | 30,373 | 100 | | | | | | |
| d. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.) | hQRproblm | 1 | Never | 11,732 | 14 | | 4,993 | 16 | 6,072 | 13 | 6,879 | 14 | 4,669 | 15 | | | | | | |
| | | 2 | Sometimes | 32,161 | 39 | | 12,353 | 40 | 18,057 | 39 | 19,522 | 39 | 12,138 | 40 | | | | | | |
| | | 3 | Often | 25,769 | 32 | 2.5 | 9,649 | 31 | 14,712 | 32 | 15,630 | 31 | 9,722 | 32 | 2.4 | 2.5 *** | -.09 | 2.5 | 2.4 *** | .07 |
| | | 4 | Very often | 11,799 | 14 | | 4,152 | 13 | 7,018 | 15 | 7,721 | 16 | 3,863 | 13 | | | | | | |
| | | Total | | 81,461 | 100 | | 31,147 | 100 | 45,859 | 100 | 49,752 | 100 | 30,392 | 100 | | | | | | |
| e. Evaluated what others have concluded from numerical information | hQRrevaluat | 1 | Never | 11,019 | 14 | | 4,894 | 16 | 5,477 | 12 | 6,138 | 12 | 4,676 | 15 | | | | | | |
| | | 2 | Sometimes | 34,272 | 42 | | 13,364 | 43 | 19,025 | 42 | 20,566 | 41 | 13,174 | 44 | | | | | | |
| | | 3 | Often | 26,566 | 33 | 2.4 | 9,615 | 31 | 15,591 | 34 | 16,623 | 33 | 9,541 | 32 | 2.4 | 2.5 *** | -.13 | 2.5 | 2.4 *** | .13 |
| | | 4 | Very often | 9,352 | 12 | | 3,184 | 10 | 5,703 | 12 | 6,309 | 13 | 2,883 | 10 | | | | | | |
| | | Total | | 81,209 | 100 | | 31,057 | 100 | 45,796 | 100 | 49,636 | 100 | 30,274 | 100 | | | | | | |
| f. Identified key information from reading assignments | hLSreading | 1 | Never | 1,231 | 2 | | 541 | 2 | 589 | 1 | 660 | 1 | 545 | 2 | | | | | | |
| | | 2 | Sometimes | 15,227 | 19 | | 6,252 | 20 | 7,974 | 17 | 8,349 | 17 | 6,602 | 22 | | | | | | |
| | | 3 | Often | 36,599 | 45 | 3.1 | 14,284 | 46 | 20,357 | 44 | 21,798 | 44 | 14,282 | 47 | 3.1 | 3.2 *** | -.11 | 3.2 | 3.0 *** | .19 |
| | | 4 | Very often | 28,187 | 35 | | 10,024 | 32 | 16,911 | 37 | 18,831 | 38 | 8,871 | 29 | | | | | | |
| | | Total | | 81,244 | 100 | | 31,101 | 100 | 45,831 | 100 | 49,638 | 100 | 30,300 | 100 | | | | | | |
| g. Reviewed your notes after class | hLSnotes | 1 | Never | 4,323 | 5 | | 1,492 | 5 | 2,604 | 6 | 2,419 | 5 | 1,831 | 6 | | | | | | |
| | | 2 | Sometimes | 27,581 | 34 | | 10,156 | 33 | 15,872 | 35 | 15,759 | 32 | 11,403 | 38 | | | | | | |
| | | 3 | Often | 28,494 | 35 | 2.8 | 11,307 | 36 | 15,672 | 34 | 17,304 | 35 | 10,736 | 35 | 2.8 | 2.8 *** | .05 | 2.9 | 2.7 *** | .18 |
| | | 4 | Very often | 20,882 | 26 | | 8,161 | 26 | 11,689 | 26 | 14,168 | 29 | 6,350 | 21 | | | | | | |
| | | Total | | 81,280 | 100 | | 31,116 | 100 | 45,837 | 100 | 49,650 | 100 | 30,320 | 100 | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | | | | |
|---|------------------|---------------------|------------------|-------------------------|-----|------|-------|---|-------|-------------------------------|-------|-------------|------|-------------------------|------|--------|--------------|------------------|---------|------|-------------------------|-----|---------|-----|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | | |
| | | | | Yes | | | No | | | A- or higher | | B+ or lower | | Yes | No | ES | A- or higher | B+ or lower | | | | | | |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Mean | Mean | Mean | | Mean | Mean | ES | | | | | |
| h Summarized what you learned in class or from course materials | hLSsummry | 1 | Never | 4,385 | 5 | | | | | 1,712 | 6 | 2,395 | 5 | 2,555 | 5 | 1,760 | 6 | | | | | | | |
| | | 2 | Sometimes | 26,942 | 33 | | | | | 10,461 | 34 | 15,042 | 33 | 15,609 | 31 | 10,898 | 36 | | | | | | | |
| | | 3 | Often | 31,731 | 39 | 2.8 | | | | 12,016 | 39 | 18,055 | 39 | 19,312 | 39 | 11,949 | 40 | 2.8 | 2.8 ** | -.02 | | 2.8 | 2.7 *** | .14 |
| | | 4 | Very often | 18,122 | 22 | | | | | 6,904 | 22 | 10,330 | 23 | 12,156 | 24 | 5,630 | 19 | | | | | | | |
| | | Total | | 81,180 | 100 | | | | | 31,093 | 100 | 45,822 | 100 | 49,632 | 100 | 30,237 | 100 | | | | | | | |
| i Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments | hridivers | 1 | Never | 6,493 | 8 | | | | | 2,895 | 9 | 3,230 | 7 | 3,582 | 7 | 2,775 | 9 | | | | | | | |
| | | 2 | Sometimes | 29,009 | 36 | | | | | 11,211 | 36 | 16,174 | 35 | 17,686 | 36 | 10,867 | 36 | | | | | | | |
| | | 3 | Often | 26,498 | 33 | 2.7 | | | | 9,872 | 32 | 15,286 | 33 | 16,276 | 33 | 9,844 | 33 | 2.7 | 2.7 *** | -.07 | | 2.7 | 2.7 *** | .07 |
| | | 4 | Very often | 19,192 | 24 | | | | | 7,147 | 23 | 11,139 | 24 | 12,080 | 24 | 6,769 | 22 | | | | | | | |
| | | Total | | 81,192 | 100 | | | | | 31,125 | 100 | 45,829 | 100 | 49,624 | 100 | 30,255 | 100 | | | | | | | |
| j Examined the strengths and weaknesses of your own views on a topic or issue | hriownview | 1 | Never | 3,759 | 5 | | | | | 1,498 | 5 | 2,060 | 4 | 2,261 | 5 | 1,421 | 5 | | | | | | | |
| | | 2 | Sometimes | 24,744 | 30 | | | | | 9,594 | 31 | 13,845 | 30 | 15,191 | 31 | 9,183 | 30 | | | | | | | |
| | | 3 | Often | 33,142 | 41 | 2.8 | | | | 12,557 | 40 | 18,849 | 41 | 20,053 | 40 | 12,610 | 42 | 2.8 | 2.9 * | -.02 | | 2.8 | 2.8 | .01 |
| | | 4 | Very often | 19,522 | 24 | | | | | 7,474 | 24 | 11,109 | 24 | 12,104 | 24 | 7,034 | 23 | | | | | | | |
| | | Total | | 81,167 | 100 | | | | | 31,123 | 100 | 45,863 | 100 | 49,609 | 100 | 30,248 | 100 | | | | | | | |
| k Tried to better understand someone else's views by imagining how an issue looks from their perspective | hriperspt | 1 | Never | 1,775 | 2 | | | | | 708 | 2 | 957 | 2 | 1,031 | 2 | 711 | 2 | | | | | | | |
| | | 2 | Sometimes | 18,833 | 23 | | | | | 7,022 | 23 | 10,816 | 24 | 11,482 | 23 | 7,054 | 23 | | | | | | | |
| | | 3 | Often | 34,197 | 42 | 3.0 | | | | 13,072 | 42 | 19,286 | 42 | 20,942 | 42 | 12,759 | 42 | 3.1 | 3.0 ** | .02 | | 3.1 | 3.0 * | .02 |
| | | 4 | Very often | 26,312 | 32 | | | | | 10,315 | 33 | 14,789 | 32 | 16,141 | 33 | 9,689 | 32 | | | | | | | |
| | | Total | | 81,117 | 100 | | | | | 31,117 | 100 | 45,848 | 100 | 49,596 | 100 | 30,213 | 100 | | | | | | | |
| 11. During your last year of high school, how involved were you in the following activities at your school or elsewhere? | | | | | | | | | | | | | | | | | | | | | | | | |
| a. Performing or visual arts programs (band, chorus, theater, art, etc.) | hinvars | 1 | Not at all | 31,521 | 39 | | | | | 12,534 | 40 | 17,429 | 38 | 18,320 | 37 | 12,661 | 42 | | | | | | | |
| | | 2 | Very little | 12,309 | 15 | | | | | 4,887 | 16 | 6,713 | 15 | 7,554 | 15 | 4,560 | 15 | | | | | | | |
| | | 3 | Some | 10,513 | 13 | 2.6 | | | | 4,169 | 13 | 5,763 | 13 | 6,243 | 13 | 4,096 | 14 | 2.6 | 2.7 *** | -.08 | | 2.7 | 2.5 *** | .13 |
| | | 4 | Quite a bit | 8,372 | 10 | | | | | 3,108 | 10 | 4,830 | 11 | 5,213 | 11 | 3,018 | 10 | | | | | | | |
| | | 5 | Very much | 18,380 | 23 | | | | | 6,437 | 21 | 11,119 | 24 | 12,217 | 25 | 5,897 | 20 | | | | | | | |
| | | Total | | 81,095 | 100 | | | | | 31,135 | 100 | 45,854 | 100 | 49,547 | 100 | 30,232 | 100 | | | | | | | |
| b. Athletic teams (varsity, JV, club sport, etc.) | hinvathl | 1 | Not at all | 20,769 | 26 | | | | | 9,587 | 31 | 10,166 | 22 | 12,613 | 25 | 7,795 | 26 | | | | | | | |
| | | 2 | Very little | 7,227 | 9 | | | | | 3,026 | 10 | 3,814 | 8 | 4,325 | 9 | 2,761 | 9 | | | | | | | |
| | | 3 | Some | 10,402 | 13 | 3.3 | | | | 4,066 | 13 | 5,786 | 13 | 6,130 | 12 | 4,085 | 14 | 3.1 | 3.5 *** | -.22 | | 3.3 | 3.3 *** | .03 |
| | | 4 | Quite a bit | 11,028 | 14 | | | | | 3,684 | 12 | 6,725 | 15 | 6,858 | 14 | 3,994 | 13 | | | | | | | |
| | | 5 | Very much | 31,720 | 39 | | | | | 10,787 | 35 | 19,399 | 42 | 19,660 | 40 | 11,609 | 38 | | | | | | | |
| | | Total | | 81,146 | 100 | | | | | 31,150 | 100 | 45,890 | 100 | 49,586 | 100 | 30,244 | 100 | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | |
|--|------------------|---------------------|------------------|-------------------------|-----|------|-------------------------------|-----|--------|-----|-------------------------|-----|-------------|-------------------------|------------------|---------|------|-------------------------|-------------|-----|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | |
| | | | | | | | Yes | | No | | A- or higher | | B+ or lower | | Yes | No | ES | A- or higher | B+ or lower | ES |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | Mean | | Mean | Mean | |
| c. Student government | hstugov | 1 | Not at all | 53,044 | 65 | | 20,528 | 66 | 29,973 | 65 | 30,641 | 62 | 21,578 | 71 | | | | | | |
| | | 2 | Very little | 10,385 | 13 | | 3,873 | 12 | 5,955 | 13 | 6,512 | 13 | 3,706 | 12 | | | | | | |
| | | 3 | Some | 7,692 | 9 | 1.8 | 3,006 | 10 | 4,242 | 9 | 5,095 | 10 | 2,447 | 8 | 1.7 | 1.8 | -.01 | 1.9 | 1.6 *** | .24 |
| | | 4 | Quite a bit | 4,400 | 5 | | 1,653 | 5 | 2,493 | 5 | 3,142 | 6 | 1,181 | 4 | | | | | | |
| | | 5 | Very much | 5,463 | 7 | | 2,033 | 7 | 3,149 | 7 | 4,078 | 8 | 1,291 | 4 | | | | | | |
| | | Total | | 80,984 | 100 | | 31,093 | 100 | 45,812 | 100 | 49,468 | 100 | 30,203 | 100 | | | | | | |
| d. Publications (student newspaper, yearbook, etc.) | hinvpubs | 1 | Not at all | 57,157 | 71 | | 21,881 | 70 | 32,467 | 71 | 34,421 | 70 | 21,906 | 73 | | | | | | |
| | | 2 | Very little | 9,792 | 12 | | 3,664 | 12 | 5,624 | 12 | 6,144 | 12 | 3,470 | 11 | | | | | | |
| | | 3 | Some | 6,518 | 8 | 1.6 | 2,516 | 8 | 3,612 | 8 | 4,019 | 8 | 2,359 | 8 | 1.6 | 1.6 *** | .03 | 1.6 | 1.6 *** | .07 |
| | | 4 | Quite a bit | 3,379 | 4 | | 1,322 | 4 | 1,868 | 4 | 2,139 | 4 | 1,166 | 4 | | | | | | |
| | | 5 | Very much | 4,128 | 5 | | 1,711 | 6 | 2,229 | 5 | 2,735 | 6 | 1,305 | 4 | | | | | | |
| | | Total | | 80,974 | 100 | | 31,094 | 100 | 45,800 | 100 | 49,458 | 100 | 30,206 | 100 | | | | | | |
| e. Academic clubs or honor societies | hinvhon13 | 1 | Not at all | 26,508 | 33 | | 11,592 | 37 | 13,596 | 30 | 10,519 | 21 | 15,474 | 51 | | | | | | |
| | | 2 | Very little | 9,679 | 12 | | 3,905 | 13 | 5,232 | 11 | 4,984 | 10 | 4,543 | 15 | | | | | | |
| | | 3 | Some | 14,946 | 18 | 2.8 | 5,324 | 17 | 8,804 | 19 | 9,578 | 19 | 5,127 | 17 | 2.6 | 2.9 *** | -.17 | 3.2 | 2.1 *** | .84 |
| | | 4 | Quite a bit | 13,608 | 17 | | 4,452 | 14 | 8,469 | 18 | 10,603 | 21 | 2,821 | 9 | | | | | | |
| | | 5 | Very much | 16,226 | 20 | | 5,816 | 19 | 9,708 | 21 | 13,797 | 28 | 2,212 | 7 | | | | | | |
| | | Total | | 80,967 | 100 | | 31,089 | 100 | 45,809 | 100 | 49,481 | 100 | 30,177 | 100 | | | | | | |
| f. Vocational clubs (business, health, technology, etc.) | hinvvcl | 1 | Not at all | 49,971 | 62 | | 19,616 | 63 | 27,916 | 61 | 29,578 | 60 | 19,597 | 65 | | | | | | |
| | | 2 | Very little | 10,370 | 13 | | 3,759 | 12 | 6,052 | 13 | 6,457 | 13 | 3,753 | 12 | | | | | | |
| | | 3 | Some | 9,366 | 12 | 1.8 | 3,341 | 11 | 5,513 | 12 | 5,844 | 12 | 3,376 | 11 | 1.8 | 1.9 * | -.02 | 1.9 | 1.7 *** | .13 |
| | | 4 | Quite a bit | 5,379 | 7 | | 1,924 | 6 | 3,187 | 7 | 3,545 | 7 | 1,746 | 6 | | | | | | |
| | | 5 | Very much | 5,735 | 7 | | 2,380 | 8 | 3,071 | 7 | 3,975 | 8 | 1,643 | 5 | | | | | | |
| | | Total | | 80,821 | 100 | | 31,020 | 100 | 45,739 | 100 | 49,399 | 100 | 30,115 | 100 | | | | | | |
| g. Religious youth groups | hrelgrp | 1 | Not at all | 51,788 | 64 | | 21,802 | 70 | 27,529 | 60 | 29,828 | 60 | 21,032 | 70 | | | | | | |
| | | 2 | Very little | 7,981 | 10 | | 2,836 | 9 | 4,686 | 10 | 4,978 | 10 | 2,890 | 10 | | | | | | |
| | | 3 | Some | 8,272 | 10 | 1.9 | 2,612 | 8 | 5,227 | 11 | 5,461 | 11 | 2,700 | 9 | 1.7 | 2.0 *** | -.22 | 2.0 | 1.7 *** | .23 |
| | | 4 | Quite a bit | 5,579 | 7 | | 1,686 | 5 | 3,555 | 8 | 3,783 | 8 | 1,712 | 6 | | | | | | |
| | | 5 | Very much | 7,097 | 9 | | 2,020 | 7 | 4,698 | 10 | 5,284 | 11 | 1,736 | 6 | | | | | | |
| | | Total | | 80,717 | 100 | | 30,956 | 100 | 45,695 | 100 | 49,334 | 100 | 30,070 | 100 | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | |
|---|---|---------------------|------------------|-------------------------|-----|--------|-------------------------------|--------|--------|--------|-------------------------|--------|--------|-------------------------|------------------|----------|------|-------------------------|----------|------|--|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | | |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | Mean | ES | Mean | Mean | ES | |
| h. Community service or volunteer work | hvolntr | 1 | Not at all | 7,865 | 10 | | 3,753 | 12 | 3,693 | 8 | 3,438 | 7 | 4,281 | 14 | | | | | | | |
| | | 2 | Very little | 8,741 | 11 | | 3,693 | 12 | 4,600 | 10 | 4,603 | 9 | 4,019 | 13 | | | | | | | |
| | | 3 | Some | 21,941 | 27 | 3.5 | 7,965 | 26 | 12,872 | 28 | 13,077 | 26 | 8,565 | 28 | 3.4 | 3.5 *** | -.10 | 3.6 | 3.2 *** | .33 | |
| | | 4 | Quite a bit | 20,862 | 26 | | 7,350 | 24 | 12,452 | 27 | 13,547 | 27 | 7,000 | 23 | | | | | | | |
| | | 5 | Very much | 21,381 | 26 | | 8,254 | 27 | 12,088 | 26 | 14,731 | 30 | 6,219 | 21 | | | | | | | |
| | | Total | 80,790 | 100 | | 31,015 | 100 | 45,705 | 100 | 49,396 | 100 | 30,084 | 100 | | | | | | | | |
| 12. During your <i>last year</i> of high school, to what extent did your course challenge you to do your best work? | | | | | | | | | | | | | | | | | | | | | |
| | hchallenge | 1 | Not at all | 863 | 1 | | 344 | 1 | 468 | 1 | 473 | 1 | 372 | 1 | | | | | | | |
| | | 2 | | 2,468 | 3 | | 910 | 3 | 1,434 | 3 | 1,342 | 3 | 1,087 | 4 | | | | | | | |
| | | 3 | | 7,265 | 9 | | 2,710 | 9 | 4,168 | 9 | 3,941 | 8 | 3,227 | 11 | | | | | | | |
| | | 4 | | 17,098 | 21 | 4.9 | 6,759 | 22 | 9,451 | 21 | 9,570 | 19 | 7,268 | 24 | 4.9 | 4.9 *** | .03 | 5.0 | 4.7 *** | .20 | |
| | | 5 | | 28,433 | 35 | | 10,724 | 34 | 16,331 | 36 | 17,355 | 35 | 10,661 | 35 | | | | | | | |
| | | 6 | | 15,642 | 19 | | 5,613 | 18 | 9,314 | 20 | 10,676 | 22 | 4,709 | 16 | | | | | | | |
| | | 7 | Very much | 9,253 | 11 | | 4,066 | 13 | 4,663 | 10 | 6,160 | 12 | 2,876 | 10 | | | | | | | |
| | | Total | | 81,022 | 100 | | 31,126 | 100 | 45,829 | 100 | 49,517 | 100 | 30,200 | 100 | | | | | | | |
| 13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following? | | | | | | | | | | | | | | | | | | | | | |
| a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities) | cacadpr13hrs (Recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours) | 0 | 0 | 159 | 0 | | 76 | 0 | 75 | 0 | 71 | 0 | 83 | 0 | | | | | | | |
| | | 3 | 1-5 | 4,394 | 6 | | 2,371 | 8 | 1,805 | 4 | 1,961 | 4 | 2,359 | 8 | | | | | | | |
| | | 8 | 6-10 | 14,500 | 18 | | 6,496 | 21 | 7,430 | 16 | 7,900 | 16 | 6,342 | 21 | | | | | | | |
| | | 13 | 11-15 | 20,762 | 26 | | 7,963 | 26 | 12,086 | 26 | 12,571 | 26 | 7,894 | 27 | | | | | | | |
| | | 18 | 16-20 | 20,828 | 26 | 15.9 | 7,435 | 24 | 12,719 | 28 | 13,302 | 27 | 7,227 | 24 | 15.2 | 16.4 *** | -.17 | 16.6 | 14.7 *** | .26 | |
| | | 23 | 21-25 | 11,316 | 14 | | 3,954 | 13 | 7,010 | 15 | 7,576 | 16 | 3,534 | 12 | | | | | | | |
| | | 28 | 26-30 | 4,545 | 6 | | 1,580 | 5 | 2,814 | 6 | 3,139 | 6 | 1,326 | 4 | | | | | | | |
| | | 33 | More than 30 | 3,089 | 4 | | 1,200 | 4 | 1,777 | 4 | 2,203 | 5 | 817 | 3 | | | | | | | |
| | | Total | 79,593 | 100 | | 31,075 | 100 | 45,716 | 100 | 48,723 | 100 | 29,582 | 100 | | | | | | | | |
| b. Working for pay on- or off-campus | cworkhrs (Recoded version of cworkhrs created by BCSSE. Values are estimated number of hours) | 0 | 0 | 18,285 | 23 | | 5,796 | 19 | 11,734 | 26 | 11,619 | 24 | 6,370 | 22 | | | | | | | |
| | | 3 | 1-5 | 10,110 | 13 | | 3,225 | 10 | 6,560 | 14 | 6,403 | 13 | 3,522 | 12 | | | | | | | |
| | | 8 | 6-10 | 16,051 | 20 | | 5,584 | 18 | 9,977 | 22 | 10,290 | 21 | 5,505 | 19 | | | | | | | |
| | | 13 | 11-15 | 14,322 | 18 | | 5,702 | 18 | 8,157 | 18 | 8,798 | 18 | 5,306 | 18 | | | | | | | |
| | | 18 | 16-20 | 12,438 | 16 | 9.8 | 5,987 | 19 | 6,031 | 13 | 7,167 | 15 | 5,079 | 17 | 11.6 | 8.7 *** | .35 | 9.4 | 10.6 *** | -.14 | |
| | | 23 | 21-25 | 4,633 | 6 | | 2,509 | 8 | 1,960 | 4 | 2,500 | 5 | 2,058 | 7 | | | | | | | |
| | | 28 | 26-30 | 1,980 | 2 | | 1,182 | 4 | 727 | 2 | 1,029 | 2 | 930 | 3 | | | | | | | |
| | | 33 | More than 30 | 1,512 | 2 | | 982 | 3 | 481 | 1 | 765 | 2 | 709 | 2 | | | | | | | |
| | | Total | 79,331 | 100 | | 30,967 | 100 | 45,627 | 100 | 48,571 | 100 | 29,479 | 100 | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | |
|---|--|---------------------|------------------|-------------------------|----|--------|-------------------------------|--------|--------|--------|-------------------------|--------|-------------|-------------------------|------------------|----------|------|-------------------------|-------------|------|--|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | | |
| | | | | | | | Yes | | No | | A- or higher | | B+ or lower | | Yes | No | | A- or higher | B+ or lower | | |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | Mean | ES | Mean | Mean | ES | |
| c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.) | ccocurrhrs (Recoded version of ccocurrhrs created by BCSSE. Values are estimated number of hours) | 0 | 0 | 5,828 | 7 | | | | | | | | | | | | | | | | |
| | | 3 | 1-5 | 20,001 | 25 | | 3,290 | 11 | 2,319 | 5 | 2,775 | 6 | 2,943 | 10 | | | | | | | |
| | | 8 | 6-10 | 23,906 | 30 | | 8,763 | 28 | 10,629 | 23 | 11,870 | 24 | 7,812 | 26 | | | | | | | |
| | | 13 | 11-15 | 15,667 | 20 | | 8,804 | 28 | 14,316 | 31 | 15,272 | 31 | 8,241 | 28 | | | | | | | |
| | | 18 | 16-20 | 8,468 | 11 | 9.5 | 5,390 | 17 | 9,705 | 21 | 9,979 | 21 | 5,446 | 18 | 8.7 | 10.0 *** | -.19 | 9.7 | 9.1 *** | .08 | |
| | | 23 | 21-25 | 3,094 | 4 | | 2,873 | 9 | 5,323 | 12 | 5,367 | 11 | 2,955 | 10 | | | | | | | |
| | | 28 | 26-30 | 1,021 | 1 | | 1,029 | 3 | 1,951 | 4 | 1,896 | 4 | 1,156 | 4 | | | | | | | |
| | | 33 | More than 30 | 1,407 | 2 | | 351 | 1 | 634 | 1 | 614 | 1 | 388 | 1 | | | | | | | |
| | | Total | 79,392 | 100 | | 523 | 2 | 838 | 2 | 812 | 2 | 574 | 2 | | | | | | | | |
| d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) | csocial13hrs (Recoded version of csocial13hrs created by BCSSE. Values are estimated number of hours) | 0 | 0 | 596 | 1 | | 31,023 | 100 | 45,715 | 100 | 48,585 | 100 | 29,515 | 100 | | | | | | | |
| | | 3 | 1-5 | 16,569 | 21 | | 367 | 1 | 207 | 0 | 309 | 1 | 269 | 1 | | | | | | | |
| | | 8 | 6-10 | 27,184 | 34 | | 8,496 | 27 | 7,521 | 16 | 9,507 | 20 | 6,778 | 23 | | | | | | | |
| | | 13 | 11-15 | 19,383 | 24 | | 10,645 | 34 | 15,682 | 34 | 16,918 | 35 | 9,841 | 33 | | | | | | | |
| | | 18 | 16-20 | 10,013 | 13 | 10.7 | 6,438 | 21 | 12,299 | 27 | 12,303 | 25 | 6,786 | 23 | 9.8 | 11.3 *** | -.24 | 10.8 | 10.6 *** | .04 | |
| | | 23 | 21-25 | 3,311 | 4 | | 3,222 | 10 | 6,442 | 14 | 6,142 | 13 | 3,697 | 13 | | | | | | | |
| | | 28 | 26-30 | 1,007 | 1 | | 1,051 | 3 | 2,147 | 5 | 2,071 | 4 | 1,185 | 4 | | | | | | | |
| | | 33 | More than 30 | 1,421 | 2 | | 318 | 1 | 657 | 1 | 616 | 1 | 379 | 1 | | | | | | | |
| | | Total | 79,484 | 100 | | 534 | 2 | 822 | 2 | 787 | 2 | 606 | 2 | | | | | | | | |
| 14. During the coming school year, of the time you expect to spend preparing for class in a typical 7-day week, about how much will be on assigned reading? | | | | | | | | | | | | | | | | | | | | | |
| ctmread17 | | 1 | Very little | 2,012 | 3 | | 810 | 3 | 1,105 | 2 | 1,111 | 2 | 867 | 3 | | | | | | | |
| | | 2 | Some | 19,097 | 24 | | 6,643 | 21 | 11,781 | 26 | 11,647 | 24 | 7,150 | 24 | | | | | | | |
| | | 3 | About half | 30,929 | 39 | 3.1 | 11,544 | 37 | 18,422 | 40 | 19,205 | 40 | 11,233 | 38 | 3.2 | 3.1 *** | .16 | 3.1 | 3.1 | .01 | |
| | | 4 | Most | 22,634 | 29 | | 9,664 | 31 | 12,336 | 27 | 13,856 | 29 | 8,399 | 29 | | | | | | | |
| | | 5 | Almost all | 4,480 | 6 | | 2,328 | 8 | 2,019 | 4 | 2,654 | 5 | 1,740 | 6 | | | | | | | |
| | | Total | 79,152 | 100 | | 30,989 | 100 | 45,663 | 100 | 48,473 | 100 | 29,389 | 100 | | | | | | | | |
| 15. During the coming school year, about how often do you expect to do the following? | | | | | | | | | | | | | | | | | | | | | |
| a. Ask another student to help you understand course material | cCLaskhlp | 1 | Never | 905 | 1 | | 376 | 1 | 497 | 1 | 563 | 1 | 324 | 1 | | | | | | | |
| | | 2 | Sometimes | 27,619 | 35 | | 10,826 | 35 | 15,957 | 35 | 17,358 | 36 | 9,831 | 33 | | | | | | | |
| | | 3 | Often | 34,202 | 43 | 2.8 | 13,008 | 42 | 20,126 | 44 | 20,711 | 43 | 12,954 | 44 | 2.8 | 2.8 ** | .02 | 2.8 | 2.9 *** | -.05 | |
| | | 4 | Very often | 16,667 | 21 | | 6,909 | 22 | 9,244 | 20 | 9,963 | 21 | 6,391 | 22 | | | | | | | |
| | | Total | 79,393 | 100 | | 31,119 | 100 | 45,824 | 100 | 48,595 | 100 | 29,500 | 100 | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | | | |
|--|------------------|---------------------|------------------|-------------------------|----|------|--------|--------|--------|-------------------------------|--------|-------------|--------|-------------------------|------|------|--------------|------------------|------|-----|-------------------------|------|--|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | |
| | | | | Yes | | | No | | | A- or higher | | B+ or lower | | Yes | No | ES | A- or higher | B+ or lower | ES | | | | |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | Mean | ES | Mean | Mean | ES | | | |
| b. Explain course material to one or more students | cCLxplain | 1 | Never | 1,080 | 1 | | | 477 | 2 | 554 | 1 | 485 | 1 | 568 | 2 | | | | | | | | |
| | | 2 | Sometimes | 33,925 | 43 | | | 13,544 | 44 | 19,285 | 42 | 19,650 | 40 | 13,739 | 47 | | | | | | | | |
| | | 3 | Often | 33,776 | 43 | 2.7 | | 12,749 | 41 | 20,059 | 44 | 21,546 | 44 | 11,704 | 40 | 2.7 | 2.7 | -.01 | | 2.7 | 2.6 *** | .15 | |
| | | 4 | Very often | 10,501 | 13 | | | 4,325 | 14 | 5,883 | 13 | 6,851 | 14 | 3,439 | 12 | | | | | | | | |
| | | Total | 79,282 | 100 | | | 31,095 | 100 | 45,781 | 100 | 48,532 | 100 | 29,450 | 100 | | | | | | | | | |
| c. Prepare for exams by discussing or working through course material with other students | cCLstudy | 1 | Never | 955 | 1 | | | 435 | 1 | 489 | 1 | 519 | 1 | 415 | 1 | | | | | | | | |
| | | 2 | Sometimes | 15,295 | 19 | | | 6,211 | 20 | 8,574 | 19 | 9,016 | 19 | 6,047 | 21 | | | | | | | | |
| | | 3 | Often | 37,881 | 48 | 3.1 | | 14,436 | 46 | 22,341 | 49 | 23,064 | 48 | 14,252 | 48 | 3.1 | 3.1 * | -.02 | | 3.1 | 3.1 *** | .08 | |
| | | 4 | Very often | 25,112 | 32 | | | 9,996 | 32 | 14,392 | 31 | 15,928 | 33 | 8,702 | 30 | | | | | | | | |
| | | Total | 79,243 | 100 | | | 31,078 | 100 | 45,796 | 100 | 48,527 | 100 | 29,416 | 100 | | | | | | | | | |
| d. Work with other students on course projects or assignments | cCLproject | 1 | Never | 744 | 1 | | | 335 | 1 | 386 | 1 | 419 | 1 | 311 | 1 | | | | | | | | |
| | | 2 | Sometimes | 17,325 | 22 | | | 6,882 | 22 | 9,889 | 22 | 10,715 | 22 | 6,353 | 22 | | | | | | | | |
| | | 3 | Often | 37,965 | 48 | 3.1 | | 14,530 | 47 | 22,295 | 49 | 23,135 | 48 | 14,279 | 49 | 3.1 | 3.1 | .00 | | 3.1 | 3.1 | .01 | |
| | | 4 | Very often | 23,166 | 29 | | | 9,326 | 30 | 13,209 | 29 | 14,224 | 29 | 8,463 | 29 | | | | | | | | |
| | | Total | 79,200 | 100 | | | 31,073 | 100 | 45,779 | 100 | 48,493 | 100 | 29,406 | 100 | | | | | | | | | |
| e. Talk about career plans with a faculty member | cSFcareer | 1 | Never | 1,429 | 2 | | | 611 | 2 | 757 | 2 | 771 | 2 | 635 | 2 | | | | | | | | |
| | | 2 | Sometimes | 28,496 | 36 | | | 10,392 | 33 | 17,237 | 38 | 17,513 | 36 | 10,576 | 36 | | | | | | | | |
| | | 3 | Often | 32,403 | 41 | 2.8 | | 12,616 | 41 | 18,849 | 41 | 19,855 | 41 | 11,982 | 41 | 2.9 | 2.8 *** | .10 | | 2.8 | 2.8 * | .02 | |
| | | 4 | Very often | 16,891 | 21 | | | 7,486 | 24 | 8,990 | 20 | 10,361 | 21 | 6,223 | 21 | | | | | | | | |
| | | Total | 79,219 | 100 | | | 31,105 | 100 | 45,833 | 100 | 48,500 | 100 | 29,416 | 100 | | | | | | | | | |
| f. Work with a faculty member on activities other than coursework (committees, student groups, etc.) | cSFothrwrk | 1 | Never | 5,367 | 7 | | | 2,324 | 7 | 2,885 | 6 | 3,010 | 6 | 2,294 | 8 | | | | | | | | |
| | | 2 | Sometimes | 37,923 | 48 | | | 13,927 | 45 | 22,868 | 50 | 23,648 | 49 | 13,754 | 47 | | | | | | | | |
| | | 3 | Often | 25,440 | 32 | 2.5 | | 10,150 | 33 | 14,570 | 32 | 15,491 | 32 | 9,452 | 32 | 2.6 | 2.5 *** | .07 | | 2.5 | 2.5 | .01 | |
| | | 4 | Very often | 10,401 | 13 | | | 4,684 | 15 | 5,473 | 12 | 6,307 | 13 | 3,876 | 13 | | | | | | | | |
| | | Total | 79,131 | 100 | | | 31,085 | 100 | 45,796 | 100 | 48,456 | 100 | 29,376 | 100 | | | | | | | | | |
| g. Discuss your academic performance with a faculty member | cSFprform | 1 | Never | 2,096 | 3 | | | 890 | 3 | 1,132 | 2 | 1,244 | 3 | 819 | 3 | | | | | | | | |
| | | 2 | Sometimes | 29,328 | 37 | | | 10,651 | 34 | 17,790 | 39 | 18,403 | 38 | 10,549 | 36 | | | | | | | | |
| | | 3 | Often | 32,903 | 42 | 2.8 | | 12,997 | 42 | 19,008 | 42 | 19,877 | 41 | 12,454 | 42 | 2.8 | 2.7 *** | .10 | | 2.8 | 2.8 *** | -.03 | |
| | | 4 | Very often | 14,773 | 19 | | | 6,550 | 21 | 7,851 | 17 | 8,910 | 18 | 5,546 | 19 | | | | | | | | |
| | | Total | 79,100 | 100 | | | 31,088 | 100 | 45,781 | 100 | 48,434 | 100 | 29,368 | 100 | | | | | | | | | |
| h. Discuss course topics, ideas, or concepts with a faculty member outside of class | cSFdiscuss | 1 | Never | 3,744 | 5 | | | 1,751 | 6 | 1,894 | 4 | 2,090 | 4 | 1,605 | 5 | | | | | | | | |
| | | 2 | Sometimes | 34,634 | 44 | | | 13,296 | 43 | 20,339 | 44 | 21,460 | 44 | 12,702 | 43 | | | | | | | | |
| | | 3 | Often | 28,562 | 36 | 2.6 | | 10,959 | 35 | 16,816 | 37 | 17,393 | 36 | 10,678 | 36 | 2.6 | 2.6 | .00 | | 2.6 | 2.6 *** | .02 | |
| | | 4 | Very often | 12,017 | 15 | | | 5,033 | 16 | 6,678 | 15 | 7,423 | 15 | 4,307 | 15 | | | | | | | | |
| | | Total | 78,957 | 100 | | | 31,039 | 100 | 45,727 | 100 | 48,366 | 100 | 29,292 | 100 | | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | | | |
|---|------------------|---------------------|------------------|-------------------------|--------|------|--------|--------|--------|-------------------------------|--------|-------------|--------|-------------------------|------|---------|--------------|------------------|---------|------|-------------------------|--|--|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | |
| | | | | Yes | | | No | | | A- or higher | | B+ or lower | | Yes | No | ES | A- or higher | B+ or lower | | | | | |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | | Mean | Mean | Mean | Mean | ES | | |
| i Prepare two or more drafts of a paper or assignment before turning it in | cdrafting | 1 | Never | 2,875 | 4 | 2.8 | 1,150 | 4 | 1,618 | 4 | 1,664 | 3 | 1,162 | 4 | 2.8 | 2.8 * | .01 | 2.8 | 2.8 *** | .07 | | | |
| | | 2 | Sometimes | 25,307 | 32 | | 9,786 | 31 | 14,791 | 32 | 15,143 | 31 | 9,788 | 33 | | | | | | | | | |
| | | 3 | Often | 33,687 | 43 | | 13,239 | 43 | 19,554 | 43 | 20,643 | 43 | 12,496 | 43 | | | | | | | | | |
| | | 4 | Very often | 17,151 | 22 | | 6,892 | 22 | 9,822 | 21 | 10,952 | 23 | 5,878 | 20 | | | | | | | | | |
| | | Total | 79,020 | 100 | 31,067 | | 100 | 45,785 | 100 | 48,402 | 100 | 29,324 | 100 | | | | | | | | | | |
| j Come to class without completing readings or assignments | cunprepard | 1 | Never | 55,462 | 70 | 1.4 | 21,484 | 69 | 32,584 | 71 | 35,808 | 74 | 18,768 | 64 | 1.4 | 1.4 *** | .09 | 1.3 | 1.5 *** | -.20 | | | |
| | | 2 | Sometimes | 17,922 | 23 | | 6,839 | 22 | 10,527 | 23 | 9,760 | 20 | 7,889 | 27 | | | | | | | | | |
| | | 3 | Often | 3,151 | 4 | | 1,526 | 5 | 1,483 | 3 | 1,477 | 3 | 1,596 | 5 | | | | | | | | | |
| | | 4 | Very often | 2,416 | 3 | | 1,192 | 4 | 1,151 | 3 | 1,314 | 3 | 1,046 | 4 | | | | | | | | | |
| | | Total | 78,951 | 100 | 31,041 | | 100 | 45,745 | 100 | 48,359 | 100 | 29,299 | 100 | | | | | | | | | | |
| 16. During the coming school year, about how often do you expect to have discussions with people from the following groups? | | | | | | | | | | | | | | | | | | | | | | | |
| a. People of a race or ethnicity other than your own | cDVrace | 1 | Never | 926 | 1 | 3.3 | 512 | 2 | 380 | 1 | 440 | 1 | 458 | 2 | 3.3 | 3.3 *** | -.06 | 3.3 | 3.3 *** | .07 | | | |
| | | 2 | Sometimes | 10,012 | 13 | | 4,277 | 14 | 5,416 | 12 | 5,753 | 12 | 4,090 | 14 | | | | | | | | | |
| | | 3 | Often | 31,097 | 39 | | 11,902 | 38 | 18,396 | 40 | 19,216 | 40 | 11,425 | 39 | | | | | | | | | |
| | | 4 | Very often | 36,850 | 47 | | 14,384 | 46 | 21,599 | 47 | 22,916 | 47 | 13,295 | 45 | | | | | | | | | |
| | | Total | 78,885 | 100 | 31,075 | | 100 | 45,791 | 100 | 48,325 | 100 | 29,268 | 100 | | | | | | | | | | |
| b. People from an economic background other than your own | cDVeconome | 1 | Never | 942 | 1 | 3.3 | 536 | 2 | 377 | 1 | 466 | 1 | 444 | 2 | 3.3 | 3.3 *** | -.08 | 3.3 | 3.3 *** | .09 | | | |
| | | 2 | Sometimes | 10,067 | 13 | | 4,515 | 15 | 5,234 | 11 | 5,625 | 12 | 4,266 | 15 | | | | | | | | | |
| | | 3 | Often | 32,739 | 42 | | 12,390 | 40 | 19,509 | 43 | 20,254 | 42 | 11,998 | 41 | | | | | | | | | |
| | | 4 | Very often | 35,077 | 44 | | 13,612 | 44 | 20,650 | 45 | 21,935 | 45 | 12,548 | 43 | | | | | | | | | |
| | | Total | 78,825 | 100 | 31,053 | | 100 | 45,770 | 100 | 48,280 | 100 | 29,256 | 100 | | | | | | | | | | |
| c. People with religious beliefs other than your own | cDVreligion | 1 | Never | 1,556 | 2 | 3.2 | 900 | 3 | 613 | 1 | 751 | 2 | 767 | 3 | 3.2 | 3.3 *** | -.10 | 3.2 | 3.2 *** | .08 | | | |
| | | 2 | Sometimes | 12,787 | 16 | | 5,539 | 18 | 6,859 | 15 | 7,461 | 15 | 5,093 | 17 | | | | | | | | | |
| | | 3 | Often | 30,927 | 39 | | 11,788 | 38 | 18,350 | 40 | 19,126 | 40 | 11,368 | 39 | | | | | | | | | |
| | | 4 | Very often | 33,577 | 43 | | 12,840 | 41 | 19,961 | 44 | 20,961 | 43 | 12,036 | 41 | | | | | | | | | |
| | | Total | 78,847 | 100 | 31,067 | | 100 | 45,783 | 100 | 48,299 | 100 | 29,264 | 100 | | | | | | | | | | |
| d. People with political views other than your own | cDVpolitical | 1 | Never | 1,735 | 2 | 3.1 | 964 | 3 | 719 | 2 | 849 | 2 | 831 | 3 | 3.1 | 3.2 *** | -.09 | 3.2 | 3.1 *** | .08 | | | |
| | | 2 | Sometimes | 15,842 | 20 | | 6,651 | 21 | 8,745 | 19 | 9,289 | 19 | 6,281 | 21 | | | | | | | | | |
| | | 3 | Often | 30,609 | 39 | | 11,705 | 38 | 18,137 | 40 | 18,993 | 39 | 11,175 | 38 | | | | | | | | | |
| | | 4 | Very often | 30,648 | 39 | | 11,755 | 38 | 18,164 | 40 | 19,159 | 40 | 10,968 | 37 | | | | | | | | | |
| | | Total | 78,834 | 100 | 31,075 | | 100 | 45,765 | 100 | 48,290 | 100 | 29,255 | 100 | | | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | |
|--|------------------|---------------------|--------------------|-------------------------|----|--------|-------------------------------|--------|--------|--------|-------------------------|--------|-------------|-------------------------|------------------|---------|------|-------------------------|-------------|-----|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | |
| | | | | | | | Yes | | No | | A- or higher | | B+ or lower | | Yes | No | | A- or higher | B+ or lower | |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | Mean | ES | Mean | Mean | ES |
| 17. During the coming school year, how certain are you that you will do the following? | | | | | | | | | | | | | | | | | | | | |
| a. Study when there are other interesting things to do | cotherint | 1 | Not at all certain | 850 | 1 | | 400 | 1 | 426 | 1 | 398 | 1 | 429 | 1 | | | | | | |
| | | 2 | | 3,312 | 4 | | 1,323 | 4 | 1,902 | 4 | 1,708 | 4 | 1,558 | 5 | | | | | | |
| | | 3 | | 15,996 | 20 | | 6,459 | 21 | 9,138 | 20 | 8,650 | 18 | 7,114 | 24 | | | | | | |
| | | 4 | | 29,146 | 37 | 4.2 | 11,372 | 37 | 17,086 | 37 | 17,793 | 37 | 10,898 | 37 | 4.2 | 4.2 * | -.02 | 4.3 | 4.0 *** | .23 |
| | | 5 | | 19,257 | 24 | | 7,363 | 24 | 11,439 | 25 | 12,854 | 27 | 6,080 | 21 | | | | | | |
| | | 6 | Very certain | 10,169 | 13 | | 4,177 | 13 | 5,786 | 13 | 6,821 | 14 | 3,139 | 11 | | | | | | |
| | Total | | 78,730 | 100 | | 31,094 | 100 | 45,777 | 100 | 48,224 | 100 | 29,218 | 100 | | | | | | | |
| b. Find additional information for course assignments when you don't understand the material | cfindinfo | 1 | Not at all certain | 338 | 0 | | 175 | 1 | 147 | 0 | 140 | 0 | 188 | 1 | | | | | | |
| | | 2 | | 1,220 | 2 | | 526 | 2 | 655 | 1 | 609 | 1 | 586 | 2 | | | | | | |
| | | 3 | | 7,052 | 9 | | 2,905 | 9 | 3,968 | 9 | 3,608 | 7 | 3,345 | 11 | | | | | | |
| | | 4 | | 19,680 | 25 | 4.8 | 7,648 | 25 | 11,526 | 25 | 11,403 | 24 | 8,011 | 27 | 4.8 | 4.8 | .00 | 4.9 | 4.7 *** | .20 |
| | | 5 | | 27,035 | 34 | | 10,173 | 33 | 16,263 | 36 | 17,159 | 36 | 9,457 | 32 | | | | | | |
| | | 6 | Very certain | 23,242 | 30 | | 9,616 | 31 | 13,162 | 29 | 15,204 | 32 | 7,568 | 26 | | | | | | |
| | Total | | 78,567 | 100 | | 31,043 | 100 | 45,721 | 100 | 48,123 | 100 | 29,155 | 100 | | | | | | | |
| c. Participate regularly in course discussions, even when you don't feel like it | ccourdis | 1 | Not at all certain | 858 | 1 | | 420 | 1 | 405 | 1 | 432 | 1 | 403 | 1 | | | | | | |
| | | 2 | | 4,824 | 6 | | 1,964 | 6 | 2,717 | 6 | 2,705 | 6 | 2,043 | 7 | | | | | | |
| | | 3 | | 16,228 | 21 | | 6,698 | 22 | 9,147 | 20 | 9,341 | 19 | 6,605 | 23 | | | | | | |
| | | 4 | | 25,542 | 33 | 4.2 | 9,976 | 32 | 14,967 | 33 | 15,694 | 33 | 9,488 | 33 | 4.2 | 4.2 *** | -.05 | 4.2 | 4.1 *** | .13 |
| | | 5 | | 19,445 | 25 | | 7,325 | 24 | 11,724 | 26 | 12,458 | 26 | 6,663 | 23 | | | | | | |
| | | 6 | Very certain | 11,674 | 15 | | 4,668 | 15 | 6,793 | 15 | 7,498 | 16 | 3,947 | 14 | | | | | | |
| | Total | | 78,571 | 100 | | 31,051 | 100 | 45,753 | 100 | 48,128 | 100 | 29,149 | 100 | | | | | | | |
| d. Ask instructors for help when you struggle with course assignments | caskinst | 1 | Not at all certain | 338 | 0 | | 158 | 1 | 169 | 0 | 162 | 0 | 166 | 1 | | | | | | |
| | | 2 | | 1,654 | 2 | | 680 | 2 | 928 | 2 | 936 | 2 | 694 | 2 | | | | | | |
| | | 3 | | 7,096 | 9 | | 2,876 | 9 | 4,050 | 9 | 4,079 | 8 | 2,917 | 10 | | | | | | |
| | | 4 | | 17,023 | 22 | 4.9 | 6,494 | 21 | 10,106 | 22 | 10,352 | 22 | 6,444 | 22 | 4.9 | 4.9 *** | .02 | 4.9 | 4.8 *** | .07 |
| | | 5 | | 24,227 | 31 | | 9,036 | 29 | 14,659 | 32 | 15,105 | 31 | 8,744 | 30 | | | | | | |
| | | 6 | Very certain | 28,205 | 36 | | 11,804 | 38 | 15,842 | 35 | 17,487 | 36 | 10,164 | 35 | | | | | | |
| | Total | | 78,543 | 100 | | 31,048 | 100 | 45,754 | 100 | 48,121 | 100 | 29,129 | 100 | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | |
|---|------------------|---------------------|----------------------|-------------------------|--------|--------|-------------------------------|--------|--------|--------|-------------------------|--------|-------------|-------------------------|------------------|---------|------|-------------------------|-------------|------|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | |
| | | | | Count | % | Mean | Yes | | No | | A- or higher | | B+ or lower | | Yes | No | ES | A- or higher | B+ or lower | ES |
| | | | | | | | Count | % | Count | % | Count | % | Count | % | Mean | Mean | | Mean | Mean | |
| e. Finish something you have started when you encounter challenges | cfinish | 1 | Not at all certain | 221 | 0 | 4.9 | 117 | 0 | 93 | 0 | 96 | 0 | 115 | 0 | 4.9 | 4.9 *** | -.06 | 5.0 | 4.8 *** | .21 |
| | | 2 | 802 | 1 | 371 | | 1 | 410 | 1 | 385 | 1 | 406 | 1 | | | | | | | |
| | | 3 | 5,494 | 7 | 2,481 | | 8 | 2,864 | 6 | 2,654 | 6 | 2,732 | 9 | | | | | | | |
| | | 4 | 18,428 | 23 | 7,529 | | 24 | 10,432 | 23 | 10,546 | 22 | 7,619 | 26 | | | | | | | |
| | | 5 | 27,762 | 35 | 10,247 | | 33 | 16,936 | 37 | 17,527 | 36 | 9,800 | 34 | | | | | | | |
| | | 6 | Very certain | 25,799 | 33 | 10,304 | 33 | 15,010 | 33 | 16,881 | 35 | 8,455 | 29 | | | | | | | |
| | | Total | 78,506 | 100 | 31,049 | 100 | 45,745 | 100 | 48,089 | 100 | 29,127 | 100 | | | | | | | | |
| f. Stay positive, even when you do poorly on a test or assignment | cstaypos | 1 | Not at all certain | 1,329 | 2 | 4.5 | 603 | 2 | 691 | 2 | 757 | 2 | 538 | 2 | 4.5 | 4.4 *** | .06 | 4.4 | 4.5 *** | -.05 |
| | | 2 | 3,862 | 5 | 1,449 | | 5 | 2,333 | 5 | 2,392 | 5 | 1,402 | 5 | | | | | | | |
| | | 3 | 12,109 | 15 | 4,721 | | 15 | 7,107 | 16 | 7,477 | 16 | 4,448 | 15 | | | | | | | |
| | | 4 | 21,437 | 27 | 7,976 | | 26 | 12,958 | 28 | 13,582 | 28 | 7,551 | 26 | | | | | | | |
| | | 5 | 20,198 | 26 | 7,629 | | 25 | 12,148 | 27 | 12,571 | 26 | 7,307 | 25 | | | | | | | |
| | | 6 | Very certain | 19,569 | 25 | 8,674 | 28 | 10,514 | 23 | 11,305 | 24 | 7,885 | 27 | | | | | | | |
| | | Total | 78,504 | 100 | 31,052 | 100 | 45,751 | 100 | 48,084 | 100 | 29,131 | 100 | | | | | | | | |
| 18. During the coming school year, how difficult do you expect the following to be? | | | | | | | | | | | | | | | | | | | | |
| a. Learning course material | clearnma | 1 | Not at all difficult | 1,221 | 2 | 3.9 | 579 | 2 | 621 | 1 | 701 | 1 | 486 | 2 | 3.9 | 3.9 ** | .02 | 3.9 | 3.9 | .00 |
| | | 2 | 5,681 | 7 | 2,202 | | 7 | 3,359 | 7 | 3,582 | 7 | 2,006 | 7 | | | | | | | |
| | | 3 | 18,165 | 23 | 7,216 | | 23 | 10,593 | 23 | 10,932 | 23 | 6,951 | 24 | | | | | | | |
| | | 4 | 31,634 | 40 | 12,178 | | 39 | 18,754 | 41 | 19,435 | 40 | 11,655 | 40 | | | | | | | |
| | | 5 | 16,717 | 21 | 6,566 | | 21 | 9,849 | 22 | 10,454 | 22 | 6,014 | 21 | | | | | | | |
| | | 6 | Very difficult | 5,002 | 6 | 2,326 | 7 | 2,564 | 6 | 2,913 | 6 | 2,003 | 7 | | | | | | | |
| | | Total | 78,420 | 100 | 31,067 | 100 | 45,740 | 100 | 48,017 | 100 | 29,115 | 100 | | | | | | | | |
| b. Managing your time | cmantime | 1 | Not at all difficult | 2,026 | 3 | 4.1 | 920 | 3 | 1,073 | 2 | 1,301 | 3 | 680 | 2 | 4.1 | 4.1 ** | -.02 | 4.1 | 4.2 *** | -.07 |
| | | 2 | 6,643 | 8 | 2,670 | | 9 | 3,851 | 8 | 4,405 | 9 | 2,125 | 7 | | | | | | | |
| | | 3 | 14,890 | 19 | 6,011 | | 19 | 8,577 | 19 | 9,130 | 19 | 5,530 | 19 | | | | | | | |
| | | 4 | 22,521 | 29 | 8,833 | | 28 | 13,173 | 29 | 13,759 | 29 | 8,412 | 29 | | | | | | | |
| | | 5 | 19,960 | 25 | 7,502 | | 24 | 12,062 | 26 | 12,221 | 25 | 7,400 | 25 | | | | | | | |
| | | 6 | Very difficult | 12,414 | 16 | 5,142 | 17 | 7,024 | 15 | 7,219 | 15 | 4,984 | 17 | | | | | | | |
| | | Total | 78,454 | 100 | 31,078 | 100 | 45,760 | 100 | 48,035 | 100 | 29,131 | 100 | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | |
|---|------------------|---------------------|----------------------|-------------------------|--------|-------|-------------------------------|--------|--------|--------|-------------------------|--------|-------------|-------------------------|------------------|---------|------|-------------------------|-------------|------|--|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | | |
| | | | | Count | % | Mean | Yes | | No | | A- or higher | | B+ or lower | | Yes | No | ES | A- or higher | B+ or lower | | |
| | | | | | | | Count | % | Count | % | Count | % | Count | % | Mean | Mean | | Mean | Mean | ES | |
| c. Paying college or university expenses | cpaycoll | 1 | Not at all difficult | 8,417 | 11 | 3.8 | 2,077 | 7 | 6,170 | 13 | 5,411 | 11 | 2,838 | 10 | 4.2 | 3.6 *** | .40 | 3.8 | 4.0 *** | -.11 | |
| | | 2 | 10,829 | 14 | 3,100 | | 10 | 7,489 | 16 | 7,086 | 15 | 3,562 | 12 | | | | | | | | |
| | | 3 | 12,950 | 17 | 4,487 | | 14 | 8,155 | 18 | 8,009 | 17 | 4,718 | 16 | | | | | | | | |
| | | 4 | 14,984 | 19 | 6,075 | | 20 | 8,597 | 19 | 9,169 | 19 | 5,575 | 19 | | | | | | | | |
| | | 5 | 14,346 | 18 | 6,460 | | 21 | 7,622 | 17 | 8,613 | 18 | 5,519 | 19 | | | | | | | | |
| | | 6 | Very difficult | 16,856 | 22 | 8,864 | 29 | 7,704 | 17 | 9,708 | 20 | 6,886 | 24 | | | | | | | | |
| | | Total | 78,382 | 100 | 31,063 | 100 | 45,737 | 100 | 47,996 | 100 | 29,098 | 100 | | | | | | | | | |
| d. Getting help with school work | cgethelp | 1 | Not at all difficult | 9,347 | 12 | 2.9 | 3,587 | 12 | 5,585 | 12 | 5,779 | 12 | 3,406 | 12 | 3.0 | 2.8 *** | .16 | 2.9 | 3.0 *** | -.12 | |
| | | 2 | 21,165 | 27 | 7,446 | | 24 | 13,341 | 29 | 13,787 | 29 | 7,067 | 24 | | | | | | | | |
| | | 3 | 24,332 | 31 | 9,454 | | 30 | 14,357 | 31 | 15,037 | 31 | 8,934 | 31 | | | | | | | | |
| | | 4 | 16,244 | 21 | 6,983 | | 22 | 8,910 | 19 | 9,473 | 20 | 6,476 | 22 | | | | | | | | |
| | | 5 | 5,412 | 7 | 2,502 | | 8 | 2,814 | 6 | 3,003 | 6 | 2,306 | 8 | | | | | | | | |
| | | 6 | Very difficult | 1,843 | 2 | 1,078 | 3 | 725 | 2 | 915 | 2 | 875 | 3 | | | | | | | | |
| | | Total | 78,343 | 100 | 31,050 | 100 | 45,732 | 100 | 47,994 | 100 | 29,064 | 100 | | | | | | | | | |
| e. Making new friends | cmakefr | 1 | Not at all difficult | 13,660 | 17 | 3.0 | 5,448 | 18 | 7,939 | 17 | 7,543 | 16 | 5,897 | 20 | 3.1 | 2.9 *** | .10 | 3.0 | 2.9 *** | .05 | |
| | | 2 | 18,369 | 23 | 6,559 | | 21 | 11,447 | 25 | 11,515 | 24 | 6,561 | 23 | | | | | | | | |
| | | 3 | 18,938 | 24 | 7,327 | | 24 | 11,216 | 25 | 11,905 | 25 | 6,739 | 23 | | | | | | | | |
| | | 4 | 14,802 | 19 | 5,993 | | 19 | 8,515 | 19 | 9,420 | 20 | 5,121 | 18 | | | | | | | | |
| | | 5 | 7,694 | 10 | 3,290 | | 11 | 4,257 | 9 | 4,767 | 10 | 2,805 | 10 | | | | | | | | |
| | | 6 | Very difficult | 4,912 | 6 | 2,447 | 8 | 2,374 | 5 | 2,851 | 6 | 1,964 | 7 | | | | | | | | |
| | | Total | 78,375 | 100 | 31,064 | 100 | 45,748 | 100 | 48,001 | 100 | 29,087 | 100 | | | | | | | | | |
| f. Interacting with faculty | cintfac | 1 | Not at all difficult | 13,302 | 17 | 2.8 | 5,411 | 17 | 7,660 | 17 | 7,666 | 16 | 5,397 | 19 | 2.9 | 2.8 *** | .09 | 2.8 | 2.8 | .00 | |
| | | 2 | 20,256 | 26 | 7,294 | | 23 | 12,578 | 27 | 12,853 | 27 | 7,112 | 24 | | | | | | | | |
| | | 3 | 21,527 | 27 | 8,407 | | 27 | 12,675 | 28 | 13,421 | 28 | 7,763 | 27 | | | | | | | | |
| | | 4 | 14,943 | 19 | 6,024 | | 19 | 8,594 | 19 | 9,214 | 19 | 5,477 | 19 | | | | | | | | |
| | | 5 | 5,927 | 8 | 2,666 | | 9 | 3,144 | 7 | 3,548 | 7 | 2,280 | 8 | | | | | | | | |
| | | 6 | Very difficult | 2,434 | 3 | 1,272 | 4 | 1,106 | 2 | 1,314 | 3 | 1,055 | 4 | | | | | | | | |
| | | Total | 78,389 | 100 | 31,074 | 100 | 45,757 | 100 | 48,016 | 100 | 29,084 | 100 | | | | | | | | | |
| 19. During the coming school year, about how often do you expect to seek help with coursework from the following sources? | | | | | | | | | | | | | | | | | | | | | |
| a. Faculty members | cseekfac | 1 | Never | 819 | 1 | 2.8 | 449 | 1 | 356 | 1 | 435 | 1 | 364 | 1 | 2.8 | 2.8 *** | -.05 | 2.8 | 2.8 *** | .03 | |
| | | 2 | Sometimes | 27,989 | 36 | | 11,521 | 37 | 15,980 | 35 | 17,043 | 36 | 10,537 | 36 | | | | | | | |
| | | 3 | Often | 35,076 | 45 | | 13,478 | 43 | 21,006 | 46 | 21,515 | 45 | 12,998 | 45 | | | | | | | |
| | | 4 | Very often | 14,298 | 18 | | 5,619 | 18 | 8,416 | 18 | 8,890 | 19 | 5,110 | 18 | | | | | | | |
| | | Total | 78,182 | 100 | 31,067 | | 100 | 45,758 | 100 | 47,883 | 100 | 29,009 | 100 | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | |
|---|------------------|---------------------|---------------------|-------------------------|----|--------|-------------------------------|--------|--------|--------|-------------------------|--------|-------------|-------------------------|------------------|---------|------|-------------------------|-------------|------|----|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | | |
| | | | | Count | % | Mean | Yes | | No | | A- or higher | | B+ or lower | | Yes | No | ES | A- or higher | B+ or lower | | |
| | | | | | | | Count | % | Count | % | Count | % | Count | % | | | | | Mean | Mean | ES |
| b. Academic advisors | cseekaa | 1 | Never | 1,841 | 2 | | 688 | 2 | 1,132 | 2 | 1,179 | 2 | 631 | 2 | | | | | | | |
| | | 2 | Sometimes | 29,715 | 38 | | 10,979 | 35 | 18,245 | 40 | 18,905 | 40 | 10,425 | 36 | | | | | | | |
| | | 3 | Often | 32,999 | 42 | 2.7 | 13,276 | 43 | 19,129 | 42 | 19,834 | 41 | 12,597 | 43 | 2.8 | 2.7 *** | .12 | 2.7 | 2.8 *** | -.08 | |
| | | 4 | Very often | 13,566 | 17 | | 6,092 | 20 | 7,229 | 16 | 7,934 | 17 | 5,328 | 18 | | | | | | | |
| | | Total | 78,121 | 100 | | 31,035 | 100 | 45,735 | 100 | 47,852 | 100 | 28,981 | 100 | | | | | | | | |
| c. Learning support services (tutoring, writing center, success coaching, etc.) | cseekls | 1 | Never | 3,386 | 4 | | 1,153 | 4 | 2,185 | 5 | 2,292 | 5 | 1,046 | 4 | | | | | | | |
| | | 2 | Sometimes | 27,383 | 35 | | 9,974 | 32 | 16,970 | 37 | 17,625 | 37 | 9,374 | 32 | | | | | | | |
| | | 3 | Often | 30,511 | 39 | 2.8 | 12,439 | 40 | 17,530 | 38 | 18,256 | 38 | 11,776 | 41 | 2.8 | 2.7 *** | .14 | 2.7 | 2.8 *** | -.12 | |
| | | 4 | Very often | 16,780 | 21 | | 7,464 | 24 | 9,020 | 20 | 9,643 | 20 | 6,764 | 23 | | | | | | | |
| | | Total | 78,060 | 100 | | 31,030 | 100 | 45,705 | 100 | 47,816 | 100 | 28,960 | 100 | | | | | | | | |
| d. Friends or other students | cseekfrnd | 1 | Never | 581 | 1 | | 264 | 1 | 304 | 1 | 329 | 1 | 235 | 1 | | | | | | | |
| | | 2 | Sometimes | 15,332 | 20 | | 6,631 | 21 | 8,413 | 18 | 8,998 | 19 | 6,063 | 21 | | | | | | | |
| | | 3 | Often | 36,524 | 47 | 3.1 | 14,297 | 46 | 21,623 | 47 | 22,374 | 47 | 13,608 | 47 | 3.1 | 3.1 *** | -.07 | 3.1 | 3.1 *** | .07 | |
| | | 4 | Very often | 25,670 | 33 | | 9,854 | 32 | 15,398 | 34 | 16,153 | 34 | 9,058 | 31 | | | | | | | |
| | | Total | 78,107 | 100 | | 31,046 | 100 | 45,738 | 100 | 47,854 | 100 | 28,964 | 100 | | | | | | | | |
| e. Family members | cseekfam | 1 | Never | 19,404 | 25 | | 8,069 | 26 | 11,025 | 24 | 12,620 | 26 | 6,481 | 22 | | | | | | | |
| | | 2 | Sometimes | 33,303 | 43 | | 12,635 | 41 | 20,107 | 44 | 20,575 | 43 | 12,189 | 42 | | | | | | | |
| | | 3 | Often | 16,346 | 21 | 2.2 | 6,534 | 21 | 9,520 | 21 | 9,501 | 20 | 6,584 | 23 | 2.2 | 2.2 | .01 | 2.2 | 2.3 *** | -.12 | |
| | | 4 | Very often | 9,087 | 12 | | 3,826 | 12 | 5,110 | 11 | 5,167 | 11 | 3,734 | 13 | | | | | | | |
| | | Total | 78,140 | 100 | | 31,064 | 100 | 45,762 | 100 | 47,863 | 100 | 28,988 | 100 | | | | | | | | |
| f. Other persons or offices | cseekoth | 1 | Never | 11,319 | 14 | | 4,121 | 13 | 7,024 | 15 | 7,243 | 15 | 3,884 | 13 | | | | | | | |
| | | 2 | Sometimes | 45,586 | 58 | | 17,066 | 55 | 27,781 | 61 | 28,883 | 60 | 16,030 | 55 | | | | | | | |
| | | 3 | Often | 15,737 | 20 | 2.2 | 7,181 | 23 | 8,269 | 18 | 8,788 | 18 | 6,676 | 23 | 2.3 | 2.1 *** | .17 | 2.2 | 2.3 *** | -.14 | |
| | | 4 | Very often | 5,425 | 7 | | 2,675 | 9 | 2,645 | 6 | 2,896 | 6 | 2,386 | 8 | | | | | | | |
| | | Total | 78,067 | 100 | | 31,043 | 100 | 45,719 | 100 | 47,810 | 100 | 28,976 | 100 | | | | | | | | |
| 20. How prepared are you to do the following in your academic work at this institution? | | | | | | | | | | | | | | | | | | | | | |
| a. Write clearly and effectively | cSGwrite | 1 | Not at all prepared | 445 | 1 | | 226 | 1 | 210 | 0 | 213 | 0 | 216 | 1 | | | | | | | |
| | | 2 | | 1,886 | 2 | | 821 | 3 | 1,022 | 2 | 989 | 2 | 853 | 3 | | | | | | | |
| | | 3 | | 9,141 | 12 | | 4,262 | 14 | 4,697 | 10 | 4,717 | 10 | 4,260 | 15 | | | | | | | |
| | | 4 | | 22,863 | 29 | 4.6 | 9,695 | 31 | 12,793 | 28 | 13,272 | 28 | 9,209 | 32 | 4.5 | 4.7 *** | -.14 | 4.7 | 4.5 *** | .21 | |
| | | 5 | | 24,854 | 32 | | 9,072 | 29 | 15,449 | 34 | 16,101 | 34 | 8,367 | 29 | | | | | | | |
| | | 6 | Very prepared | 18,822 | 24 | | 6,987 | 22 | 11,579 | 25 | 12,498 | 26 | 6,033 | 21 | | | | | | | |
| | | Total | 78,011 | 100 | | 31,063 | 100 | 45,750 | 100 | 47,790 | 100 | 28,938 | 100 | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | |
|--|------------------|---------------------|---------------------|-------------------------|-----|------|-------------------------------|-----|--------|-----|-------------------------|-----|-------------|-------------------------|------------------|---------|------|-------------------------|---------|-----|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | |
| | | | | Count | % | Mean | Yes | | No | | A- or higher | | B+ or lower | | Mean | Mean | ES | Mean | Mean | ES |
| | | | | | | | Count | % | Count | % | Count | % | Count | % | | | | | | |
| b. Speak clearly and effectively | cSGspeak | 1 | Not at all prepared | 553 | 1 | | 280 | 1 | 262 | 1 | 284 | 1 | 253 | 1 | | | | | | |
| | | 2 | | 2,646 | 3 | | 1,249 | 4 | 1,335 | 3 | 1,498 | 3 | 1,084 | 4 | | | | | | |
| | | 3 | | 10,616 | 14 | | 4,852 | 16 | 5,588 | 12 | 6,065 | 13 | 4,351 | 15 | | | | | | |
| | | 4 | | 22,272 | 29 | 4.5 | 9,262 | 30 | 12,628 | 28 | 13,380 | 28 | 8,579 | 30 | 4.4 | 4.6 *** | -.15 | 4.6 | 4.5 *** | .10 |
| | | 5 | | 23,478 | 30 | | 8,708 | 28 | 14,462 | 32 | 14,903 | 31 | 8,200 | 28 | | | | | | |
| | | 6 | Very prepared | 18,433 | 24 | | 6,709 | 22 | 11,477 | 25 | 11,660 | 24 | 6,456 | 22 | | | | | | |
| | | Total | | 77,998 | 100 | | 31,060 | 100 | 45,752 | 100 | 47,790 | 100 | 28,923 | 100 | | | | | | |
| c. Think critically and analytically | cSGthink | 1 | Not at all prepared | 219 | 0 | | 130 | 0 | 84 | 0 | 96 | 0 | 112 | 0 | | | | | | |
| | | 2 | | 1,068 | 1 | | 593 | 2 | 452 | 1 | 510 | 1 | 526 | 2 | | | | | | |
| | | 3 | | 7,385 | 9 | | 3,701 | 12 | 3,554 | 8 | 3,703 | 8 | 3,541 | 12 | | | | | | |
| | | 4 | | 21,779 | 28 | 4.7 | 9,541 | 31 | 11,875 | 26 | 12,376 | 26 | 9,071 | 31 | 4.6 | 4.8 *** | -.22 | 4.8 | 4.6 *** | .23 |
| | | 5 | | 27,178 | 35 | | 10,067 | 32 | 16,734 | 37 | 17,485 | 37 | 9,249 | 32 | | | | | | |
| | | 6 | Very prepared | 20,321 | 26 | | 7,019 | 23 | 13,024 | 28 | 13,582 | 28 | 6,411 | 22 | | | | | | |
| | | Total | | 77,950 | 100 | | 31,051 | 100 | 45,723 | 100 | 47,752 | 100 | 28,910 | 100 | | | | | | |
| d. Analyze numerical and statistical information | cSGanalyze | 1 | Not at all prepared | 911 | 1 | | 468 | 2 | 433 | 1 | 404 | 1 | 481 | 2 | | | | | | |
| | | 2 | | 4,052 | 5 | | 1,861 | 6 | 2,125 | 5 | 2,034 | 4 | 1,931 | 7 | | | | | | |
| | | 3 | | 13,969 | 18 | | 6,312 | 20 | 7,448 | 16 | 7,306 | 15 | 6,424 | 22 | | | | | | |
| | | 4 | | 24,133 | 31 | 4.3 | 9,972 | 32 | 13,780 | 30 | 14,360 | 30 | 9,394 | 32 | 4.2 | 4.4 *** | -.17 | 4.4 | 4.1 *** | .29 |
| | | 5 | | 21,345 | 27 | | 7,749 | 25 | 13,281 | 29 | 14,191 | 30 | 6,813 | 24 | | | | | | |
| | | 6 | Very prepared | 13,560 | 17 | | 4,693 | 15 | 8,676 | 19 | 9,476 | 20 | 3,873 | 13 | | | | | | |
| | | Total | | 77,970 | 100 | | 31,055 | 100 | 45,743 | 100 | 47,771 | 100 | 28,916 | 100 | | | | | | |
| e. Work effectively with others | cSGothers | 1 | Not at all prepared | 220 | 0 | | 116 | 0 | 100 | 0 | 108 | 0 | 101 | 0 | | | | | | |
| | | 2 | | 853 | 1 | | 416 | 1 | 419 | 1 | 449 | 1 | 380 | 1 | | | | | | |
| | | 3 | | 5,006 | 6 | | 2,392 | 8 | 2,497 | 5 | 2,623 | 5 | 2,289 | 8 | | | | | | |
| | | 4 | | 16,890 | 22 | 5.0 | 7,177 | 23 | 9,440 | 21 | 9,754 | 20 | 6,877 | 24 | 4.9 | 5.0 *** | -.11 | 5.0 | 4.9 *** | .14 |
| | | 5 | | 27,557 | 35 | | 10,454 | 34 | 16,700 | 37 | 17,263 | 36 | 9,851 | 34 | | | | | | |
| | | 6 | Very prepared | 27,395 | 35 | | 10,490 | 34 | 16,552 | 36 | 17,539 | 37 | 9,407 | 33 | | | | | | |
| | | Total | | 77,921 | 100 | | 31,045 | 100 | 45,708 | 100 | 47,736 | 100 | 28,905 | 100 | | | | | | |
| f. Use computing and information technology | cgncompt13 | 1 | Not at all prepared | 851 | 1 | | 350 | 1 | 491 | 1 | 513 | 1 | 311 | 1 | | | | | | |
| | | 2 | | 3,546 | 5 | | 1,292 | 4 | 2,194 | 5 | 2,246 | 5 | 1,240 | 4 | | | | | | |
| | | 3 | | 11,627 | 15 | | 4,692 | 15 | 6,737 | 15 | 7,061 | 15 | 4,375 | 15 | | | | | | |
| | | 4 | | 22,336 | 29 | 4.5 | 9,028 | 29 | 12,955 | 28 | 13,651 | 29 | 8,341 | 29 | 4.5 | 4.5 | .00 | 4.5 | 4.5 | .00 |
| | | 5 | | 22,139 | 28 | | 8,786 | 28 | 13,044 | 29 | 13,610 | 29 | 8,160 | 28 | | | | | | |
| | | 6 | Very prepared | 17,442 | 22 | | 6,903 | 22 | 10,305 | 23 | 10,662 | 22 | 6,486 | 22 | | | | | | |
| | | Total | | 77,941 | 100 | | 31,051 | 100 | 45,726 | 100 | 47,743 | 100 | 28,913 | 100 | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | | |
|--|------------------|---------------------|---------------------|-------------------------|--------|--------|--------|-------------------------------|--------|-------------|--------|-------------------------|------|-------------------------|--------------|------------------|------|---------|-------------------------|--|--|--|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | | |
| | | | | Yes | | | No | A- or higher | | B+ or lower | | Yes | No | ES | A- or higher | B+ or lower | | | | | | |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Mean | | Mean | Mean | Mean | Mean | ES | | | |
| g. Learn effectively on your own | cgningq | 1 | Not at all prepared | 391 | 1 | 222 | 1 | 165 | 0 | 175 | 0 | 195 | 1 | 4.6 | 4.8 *** | -.15 | 4.8 | 4.5 *** | .27 | | | |
| | | 2 | | 1,617 | 2 | 825 | 3 | 765 | 2 | 722 | 2 | 854 | 3 | | | | | | | | | |
| | | 3 | | 8,350 | 11 | 3,849 | 12 | 4,340 | 9 | 4,183 | 9 | 4,008 | 14 | | | | | | | | | |
| | | 4 | | 21,552 | 28 | 8,989 | 29 | 12,206 | 27 | 12,328 | 26 | 8,942 | 31 | | | | | | | | | |
| | | 5 | 25,416 | 33 | 9,540 | 31 | 15,520 | 34 | 16,308 | 34 | 8,682 | 30 | | | | | | | | | | |
| | | 6 | Very prepared | 20,598 | 26 | 7,635 | 25 | 12,703 | 28 | 14,019 | 29 | 6,226 | 22 | | | | | | | | | |
| | | Total | 77,924 | 100 | 31,060 | 100 | 45,699 | 100 | 47,735 | 100 | 28,907 | 100 | | | | | | | | | | |
| 21. How important is it to you that your instiution provides the following? | | | | | | | | | | | | | | | | | | | | | | |
| a. A challenging academic experience | cacadexp | 1 | Not important | 726 | 1 | 339 | 1 | 377 | 1 | 340 | 1 | 370 | 1 | 4.3 | 4.5 *** | -.13 | 4.5 | 4.2 *** | .28 | | | |
| | | 2 | | 1,967 | 3 | 870 | 3 | 1,066 | 2 | 957 | 2 | 973 | 3 | | | | | | | | | |
| | | 3 | | 11,058 | 14 | 5,022 | 16 | 5,879 | 13 | 5,515 | 12 | 5,356 | 18 | | | | | | | | | |
| | | 4 | | 27,763 | 35 | 11,543 | 37 | 15,920 | 35 | 16,290 | 34 | 11,010 | 38 | | | | | | | | | |
| | | 5 | 22,773 | 29 | 8,372 | 27 | 14,126 | 31 | 15,244 | 32 | 7,197 | 25 | | | | | | | | | | |
| | | 6 | Very important | 13,941 | 18 | 5,067 | 16 | 8,735 | 19 | 9,568 | 20 | 4,107 | 14 | | | | | | | | | |
| | | Total | 78,228 | 100 | 31,213 | 100 | 46,103 | 100 | 47,914 | 100 | 29,013 | 100 | | | | | | | | | | |
| b. Support to help students succeed academically | cSEacad | 1 | Not important | 122 | 0 | 49 | 0 | 70 | 0 | 55 | 0 | 59 | 0 | 5.3 | 5.4 *** | -.05 | 5.4 | 5.2 *** | .20 | | | |
| | | 2 | | 366 | 0 | 155 | 0 | 204 | 0 | 161 | 0 | 189 | 1 | | | | | | | | | |
| | | 3 | | 2,868 | 4 | 1,354 | 4 | 1,455 | 3 | 1,295 | 3 | 1,530 | 5 | | | | | | | | | |
| | | 4 | | 10,690 | 14 | 4,532 | 15 | 5,984 | 13 | 5,766 | 12 | 4,758 | 16 | | | | | | | | | |
| | | 5 | 20,054 | 26 | 7,496 | 24 | 12,341 | 27 | 12,343 | 26 | 7,417 | 26 | | | | | | | | | | |
| | | 6 | Very important | 44,094 | 56 | 17,628 | 56 | 26,046 | 56 | 28,278 | 59 | 15,037 | 52 | | | | | | | | | |
| | | Total | 78,194 | 100 | 31,214 | 100 | 46,100 | 100 | 47,898 | 100 | 28,990 | 100 | | | | | | | | | | |
| c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.) | cSEdiv | 1 | Not important | 1,099 | 1 | 400 | 1 | 685 | 1 | 673 | 1 | 406 | 1 | 4.9 | 4.8 *** | .06 | 4.9 | 4.8 *** | .04 | | | |
| | | 2 | | 2,133 | 3 | 758 | 2 | 1,351 | 3 | 1,286 | 3 | 815 | 3 | | | | | | | | | |
| | | 3 | | 7,294 | 9 | 2,772 | 9 | 4,412 | 10 | 4,332 | 9 | 2,873 | 10 | | | | | | | | | |
| | | 4 | | 16,540 | 21 | 6,523 | 21 | 9,808 | 21 | 9,936 | 21 | 6,367 | 22 | | | | | | | | | |
| | | 5 | 20,777 | 27 | 8,040 | 26 | 12,514 | 27 | 12,947 | 27 | 7,500 | 26 | | | | | | | | | | |
| | | 6 | Very important | 30,297 | 39 | 12,708 | 41 | 17,323 | 38 | 18,687 | 39 | 11,013 | 38 | | | | | | | | | |
| | | Total | 78,140 | 100 | 31,201 | 100 | 46,093 | 100 | 47,861 | 100 | 28,974 | 100 | | | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Frequencies and Statistical Comparisons

Grand

First-Year Students

| First-Year Students | | | | Frequency Distributions | | | | | | | | | | Statistical Comparisons | | | | | | | |
|---|------------------|---------------------|------------------|-------------------------|-----|------|-------------------------------|-----|--------|-----|-------------------------|-----|-------------|-------------------------|------------------|---------|------|-------------------------|-------------|-----|--|
| Item wording or description | Variable name | Values ^c | Response options | All Students | | | First-Generation ^a | | | | Self-Reported HS Grades | | | | First-Generation | | | Self-Reported HS Grades | | | |
| | | | | | | | Yes | | No | | A- or higher | | B+ or lower | | Yes | No | | A- or higher | B+ or lower | | |
| | | | | Count | % | Mean | Count | % | Count | % | Count | % | Count | % | Mean | Mean | ES | Mean | Mean | ES | |
| d. Help managing your non-academic responsibilities (work, family, etc.) | cSEnacad | 1 | Not important | 1,293 | 2 | | 416 | 1 | 856 | 2 | 794 | 2 | 476 | 2 | | | | | | | |
| | | 2 | | 3,530 | 5 | | 1,130 | 4 | 2,365 | 5 | 2,193 | 5 | 1,278 | 4 | | | | | | | |
| | | 3 | | 10,286 | 13 | | 3,681 | 12 | 6,494 | 14 | 6,209 | 13 | 3,911 | 14 | | | | | | | |
| | | 4 | | 19,785 | 25 | 4.6 | 7,566 | 24 | 11,977 | 26 | 11,975 | 25 | 7,516 | 26 | 4.7 | 4.5 *** | .15 | 4.6 | 4.6 | .01 | |
| | | 5 | | 20,074 | 26 | | 7,972 | 26 | 11,909 | 26 | 12,579 | 26 | 7,158 | 25 | | | | | | | |
| | | 6 | Very important | 23,144 | 30 | | 10,434 | 33 | 12,488 | 27 | 14,102 | 29 | 8,618 | 30 | | | | | | | |
| | | Total | | 78,112 | 100 | | 31,199 | 100 | 46,089 | 100 | 47,852 | 100 | 28,957 | 100 | | | | | | | |
| e. Opportunities to be involved socially | cSEsoc | 1 | Not important | 681 | 1 | | 297 | 1 | 377 | 1 | 396 | 1 | 269 | 1 | | | | | | | |
| | | 2 | | 1,684 | 2 | | 718 | 2 | 945 | 2 | 956 | 2 | 704 | 2 | | | | | | | |
| | | 3 | | 6,689 | 9 | | 3,007 | 10 | 3,598 | 8 | 3,603 | 8 | 2,987 | 10 | | | | | | | |
| | | 4 | | 17,291 | 22 | 4.9 | 7,363 | 24 | 9,715 | 21 | 10,073 | 21 | 6,962 | 24 | 4.8 | 4.9 *** | -.08 | 4.9 | 4.8 *** | .13 | |
| | | 5 | | 23,233 | 30 | | 8,756 | 28 | 14,273 | 31 | 14,558 | 30 | 8,310 | 29 | | | | | | | |
| | | 6 | Very important | 28,438 | 36 | | 11,036 | 35 | 17,133 | 37 | 18,212 | 38 | 9,685 | 33 | | | | | | | |
| | | Total | | 78,016 | 100 | | 31,177 | 100 | 46,041 | 100 | 47,798 | 100 | 28,917 | 100 | | | | | | | |
| f. Opportunities to attend campus activities and events | cSEact | 1 | Not important | 679 | 1 | | 312 | 1 | 363 | 1 | 380 | 1 | 286 | 1 | | | | | | | |
| | | 2 | | 1,764 | 2 | | 773 | 2 | 967 | 2 | 992 | 2 | 733 | 3 | | | | | | | |
| | | 3 | | 6,630 | 8 | | 2,968 | 10 | 3,587 | 8 | 3,528 | 7 | 3,007 | 10 | | | | | | | |
| | | 4 | | 17,202 | 22 | 4.9 | 7,182 | 23 | 9,816 | 21 | 10,001 | 21 | 6,953 | 24 | 4.8 | 4.9 *** | -.07 | 4.9 | 4.8 *** | .14 | |
| | | 5 | | 23,569 | 30 | | 8,824 | 28 | 14,546 | 32 | 14,849 | 31 | 8,314 | 29 | | | | | | | |
| | | 6 | Very important | 28,217 | 36 | | 11,147 | 36 | 16,799 | 36 | 18,071 | 38 | 9,644 | 33 | | | | | | | |
| | | Total | | 78,061 | 100 | | 31,206 | 100 | 46,078 | 100 | 47,821 | 100 | 28,937 | 100 | | | | | | | |
| g. Learning support services (tutoring, writing center, success coaching, etc.) | cSEserv | 1 | Not important | 449 | 1 | | 147 | 0 | 297 | 1 | 273 | 1 | 163 | 1 | | | | | | | |
| | | 2 | | 1,542 | 2 | | 528 | 2 | 995 | 2 | 917 | 2 | 597 | 2 | | | | | | | |
| | | 3 | | 6,090 | 8 | | 2,354 | 8 | 3,673 | 8 | 3,508 | 7 | 2,506 | 9 | | | | | | | |
| | | 4 | | 15,297 | 20 | 5.0 | 5,865 | 19 | 9,238 | 20 | 8,984 | 19 | 6,105 | 21 | 5.1 | 5.0 *** | .08 | 5.0 | 5.0 *** | .07 | |
| | | 5 | | 20,862 | 27 | | 7,916 | 25 | 12,755 | 28 | 13,134 | 27 | 7,386 | 26 | | | | | | | |
| | | 6 | Very important | 33,770 | 43 | | 14,370 | 46 | 19,106 | 41 | 20,969 | 44 | 12,164 | 42 | | | | | | | |
| | | Total | | 78,010 | 100 | | 31,180 | 100 | 46,064 | 100 | 47,785 | 100 | 28,921 | 100 | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

BCSSE 2019


First-Year Student Scale Means

Grand

Scale Means About This Report

BCSSE Scales provide a useful summary of the detailed information contained in students' BCSSE responses. By combining responses to related BCSSE questions, each scale offers valuable information about a distinct aspect of student engagement.

1. **Student status:** Class level as reported by students.
2. **Scale description and variable name :** A brief description of the BCSSE scale along with the variable name for easy reference to datafile and codebook. See Scale Descriptions for more information.
3. **Mean :** The unweighted scale mean is reported overall for the institution, as well as by first-generation status and high school grades.
4. **Statistical comparisons :** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #5) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests
5. **Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. Effect sizes for independent t -tests use Cohen's d . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.



BCSSE

beginning college survey
of student engagement

Scale Mean Scores and
Selected Student Comparisons

First-Year Students

1

Grand

| BCSSE Scales | Variable ^b | All Students | | | First-Generation ^a | | | Self-Reported High School Grades | | | | |
|--|-----------------------|--------------|------|-------|-------------------------------|------|------|----------------------------------|-------------|------|-----|------|
| | | Mean | SD | N | Yes | No | ES | A- or higher | B+ or lower | ES | | |
| | | | | | Mean | Mean | | Mean | Mean | | | |
| Quantitative Reasoning | | | | | | | | | | | | |
| <i>High school engagement with analysis and numerical information</i> | HS_QR | 30.7 | 14.5 | 80687 | 29.4 | 31.6 | *** | -15 | 31.5 | 29.3 | *** | 15 |
| Learning Strategies | | | | | | | | | | | | |
| <i>Use of effective learning strategies in high school</i> | HS_LS | 38.2 | 12.9 | 80626 | 38.6 | 38.4 | *** | -.03 | 39.2 | 36.4 | *** | .22 |
| Collaborative Learning | | | | | | | | | | | | |
| <i>Expectation to interact and collaborate with peers</i> | EXP_CL | 38.4 | 11.5 | 79349 | 38.4 | 38.4 | .00 | | 38.6 | 37.9 | *** | .06 |
| Student-Faculty Interaction | | | | | | | | | | | | |
| <i>Expectation to interact and engage with faculty</i> | EXP_SFI | 33.6 | 13.0 | 79219 | 34.3 | 33.2 | *** | .08 | 33.0 | 33.5 | *** | .01 |
| Expected Discussions with Diverse Others | | | | | | | | | | | | |
| <i>Expectation to engage in discussions with diverse others</i> | EXP_DD | 44.9 | 13.6 | 78915 | 44.1 | 45.5 | *** | -.10 | 45.4 | 44.1 | *** | .09 |
| Expected Academic Perseverance | | | | | | | | | | | | |
| <i>Student certainty that they will persist in the face of academic adversity</i> | EXP_PER | 42.8 | 9.4 | 78659 | 42.8 | 42.9 | -.01 | | 43.4 | 41.8 | *** | .17 |
| Expected Academic Difficulty | | | | | | | | | | | | |
| <i>Expected academic difficulty during the coming year</i> | EXP_DIF | 29.4 | 10.2 | 78469 | 29.9 | 29.0 | *** | .09 | 29.1 | 29.8 | *** | -.07 |
| Perceived Academic Preparation | | | | | | | | | | | | |
| <i>Student perception of their academic preparation</i> | PER_PREP | 43.4 | 9.5 | 78047 | 42.4 | 44.1 | *** | -.18 | 44.3 | 42.0 | *** | .24 |
| Importance of Campus Environment | | | | | | | | | | | | |
| <i>Student-rated importance that the institution provides a challenging and supportive environment</i> | IMP_CAMP | 46.2 | 9.6 | 78210 | 46.2 | 46.2 | .00 | | 46.7 | 5.2 | *** | .16 |

2

3

4

5

Scale Mean Scores and Selected Student Comparisons

Grand

First-Year Students

| | | | | | | | | | | Self-Reported High School Grades | | |
|---|-----------------------|--------------|------|-------|-------------------------------|------|-----|--------------|-------------|-------------------------------------|-----|------|
| BCSSE Scales | Variable ^b | All Students | | | First-Generation ^a | | | | | | | |
| | | | | | Yes | No | ES | A- or higher | B+ or lower | ES | | |
| | | Mean | SD | N | Mean | Mean | | Mean | Mean | | | |
| Quantitative Reasoning | HS_QR | 30.7 | 14.5 | 80687 | 29.4 | 31.6 | *** | -.15 | 31.5 | 29.3 | *** | .15 |
| High school engagement with analysis and numerical information | | | | | | | | | | | | |
| Learning Strategies | HS_LS | 38.2 | 12.9 | 80626 | 38.0 | 38.4 | *** | -.03 | 39.2 | 36.4 | *** | .22 |
| Use of effective learning strategies in high school | | | | | | | | | | | | |
| Collaborative Learning | EXP_CL | 38.4 | 11.5 | 79349 | 38.4 | 38.4 | | .00 | 38.6 | 37.9 | *** | .06 |
| Expectation to interact and collaborate with peers | | | | | | | | | | | | |
| Student-Faculty Interaction | EXP_SFI | 33.6 | 13.0 | 79219 | 34.3 | 33.2 | *** | .08 | 33.6 | 33.5 | | .01 |
| Expectation to interact and engage with faculty | | | | | | | | | | | | |
| Expected Discussions with Diverse Others | EXP_DD | 44.9 | 13.6 | 78915 | 44.1 | 45.5 | *** | -.10 | 45.4 | 44.1 | *** | .09 |
| Expectation to engage in discussions with diverse others | | | | | | | | | | | | |
| Expected Academic Perseverance | EXP_PER | 42.8 | 9.4 | 78659 | 42.8 | 42.9 | | -.01 | 43.4 | 41.8 | *** | .17 |
| Student certainty that they will persist in the face of academic adversity | | | | | | | | | | | | |
| Expected Academic Difficulty | EXP_DIF | 29.4 | 10.2 | 78469 | 29.9 | 29.0 | *** | .09 | 29.1 | 29.8 | *** | -.07 |
| Expected academic difficulty during the coming year | | | | | | | | | | | | |
| Perceived Academic Preparation | PER_PREP | 43.4 | 9.5 | 78047 | 42.4 | 44.1 | *** | -.18 | 44.3 | 42.0 | *** | .24 |
| Student perception of their academic preparation | | | | | | | | | | | | |
| Importance of Campus Environment | IMP_CAMP | 46.2 | 9.6 | 78210 | 46.2 | 46.2 | | .00 | 46.7 | 45.2 | *** | .16 |
| Student-rated importance that the institution provides a challenging and supportive environment | | | | | | | | | | | | |

BCSSE Scales

BCSSE Scales scores were calculated by converting the responses for each item to a 0-60 range. A mean scale score was then calculated for each student. Below is a brief description of each scale with the component BCSSE items in parentheses.

| Scale name | Description | Scale items |
|---|---|--|
| <i>Quantitative Reasoning</i> (HS_QR) | High school engagement with analysis and numerical information (First-year students only) | hQRconclud, hQRproblm, hQRvaluat |
| <i>Learning Strategies</i> (HS_LS) | Use of effective learning strategies in high school. (First-year students only) | hLSreading, hLSnotes, hLSsummry |
| <i>Collaborative Learning</i> (EXP_CL) | Expectation to interact and collaborate with peers | cCLaskhlp, cCLxplain, cCLstudy, cCLproject |
| <i>Student-Faculty Interaction</i> (EXP_SFI) | Expectation to interact and engage with faculty | cSFcareer, cSFothrwrk, cSFprform, cSFdiscuss |
| <i>Discussions with Diverse Others</i> (EXP_DD) | Expectation to engage in discussions with diverse others | cDVrace, cDVeconomc, cDVreligion, cDVpolitical |
| <i>Academic Perseverance</i> (EXP_PER) | Student certainty that they will persist in the face of academic adversity | cotherint, cfindinfo, ccourdis, caskinst, cfinish, cstaypos |
| <i>Academic Difficulty</i> (EXP_DIF) | Expected academic difficulty during the coming year | clearnma, cmantime, cgethelp, cintfac |
| <i>Perceived Academic Preparation</i> (PER_PREP) | Student perception of their academic preparation | cSGwrite, cSGspeak, cSGthink, cSGanalyze, cSGothers, cgncompt13, cgningq |
| <i>Importance of Campus Environment</i> (IMP_CAMP) | Student-rated importance that the institution provides a challenging and supportive environment | cacadexp, cSEacad, cSEdiv, cSEnacad, cSEsoc, cSEact, cSEserv |

BCSSE 2019 First-Year Student Summary Report

Endnotes

- a. First generation is defined as no parent or guardian having graduated with a 4-year college degree.
- b. Please refer to BCSSE Scale Descriptions for items included in the scale.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.